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THE 1989 WISCONSIN AGRICULTURAL STATISTICS

The 1989 bulletin continues a service dating back to 1965 and is one of the most requested and used within and outside the state. We attempt to provide the most complete accumulation of statistical data available relating to agriculture in Wisconsin. This issue contains state and county estimates for crops, dairy and livestock.

The estimates in this bulletin are developed primarily from sample surveys. In recent years we have relied more on a program of probability sampling, enumerative surveys, and objective yield measurements. This was done to increase the precision of these estimates.

The 1988 drought had a tremendous effect on Wisconsin's hay production. Production of all hay was reduced by 45 percent from the previous year, while stocks of hay on December 1 were less than one-half of 1987. Hay prices reached record highs as farmers were forced to import supplies to meet needs. It is, therefore, fitting that the 1989 issue of "Wisconsin Agricultural Statistics" contains a supplemental section on hay production, supply and disposition.

The response to the varied surveys throughout the years has been gratifying. I want to give a special thanks to the many Wisconsin farmers and agri-businesses who assist us by providing basic data about the state's agriculture. You can be assured we have kept our pledge of confidentiality of reported data.

Photos were provided by the Department of Agricultural Journalism, College of Agricultural and Life Sciences, University of Wisconsin, Madison.

Carrol D. Spencer
State Statistician

Special commodity supplement this year covers Hay Production, Disposition and Value

For other supplements see Agricultural Statistics dated:

1984 — SPECIALTY CROPS: Production, Disposition and Value
1985 — Economics Affecting the Farm Business
1986 — BEEF: Production, Marketing and Consumption
1986 — RECORD HIGHS and LOWS in Wisconsin
1987 — PORK: Production, Marketing and Consumption
1988 — CORN: Production, Marketing and Prices
1989 — HAY: Production, Disposition and Value

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State of Wisconsin
Department of Agriculture, Trade & Consumer Protection

FOREWORD

The summer of 1988 will be remembered as one of the driest of record. The struggles and stress endured by many Wisconsin farmers cannot be adequately measured. Cash receipts from all farm products marketed declined 2 percent from 1987. Sharply reduced production of feed grains and forage crops resulted in lower income and higher production costs. Individual loads of high quality hay reached $250 a ton while corn averaged $2.60 a bushel during the 1988-89 marketing year.

While the problems of 1988 crop year will continue into 1989, Wisconsin and the rest of the United States will probably return to normal or above production. It is time to put the past behind and look ahead. There are still critical issues of the farm economy that need attention in order for farming to be a profitable business.

How do we improve the farm economy? First, we need to work with the legislature on federal policy because of the vital role commodity programs play. Government programs have a major effect on farm income. The program and its effect needs to be known well ahead of planting and marketing dates.

Second, we need to improve competitiveness. This can be done by increasing the production per unit and reducing input costs. Wisconsin ranks first in total milk production, but 18th in production per cow. Some farmers have had good success with low-input or sustainable farming techniques.

Third, new technologies, such as biotechnology, will have major impacts on farming. Farmers should estimate what the impact on the commodity and his/her farm will likely be, and then make decisions that will help maximize the advantages and mitigate the disadvantages.

Fourth, as farmers, we must raise our own sights in regard to return per hour of farm labor and per dollar of equity invested in the farm. As long as we are willing to invest in farm buildings and equipment that are projected to earn only 4 percent, for example, society will encourage us to do so.

Fifth, the state should develop new marketing strategics, explore new product uses, and implement diversification strategics. The Board of the Wisconsin Department of Agriculture, Trade and Consumer Protection has endorsed a four-part program to encourage research and development, loan guarantees for value-added processing, and agricultural diversification. Non-food or industrial uses of farm commodities seem particularly promising.

These initiatives are important to effectively respond to changing consumer demands, here and worldwide, even though these cannot be expected to solve all the entrenched agricultural finance problems.

Howard C Richards

Howard C. Richards
Secretary
Wisconsin Department of Agriculture,
Trade and Consumer Protection

The value of agricultural cash receipts in the state was down 2 percent from 1987. Wisconsin produced $5.0 billion in commodities and was the ninth most productive state in the nation by this measure.

The summer of 1988 will be remembered for many years as one of the driest on record. Farmers began hoping for rain in May and the drought continued until September. Extremely hot weather also stressed crops. Many locations had over 30 days of temperatures reaching 90 degrees or higher.

The growing season started out slowly with spring plowing and oats planting slower than average in the first two weeks of April. After that, planting progressed rapidly and the majority of acreage was planted in record time. Crops planted in May were slow to germinate because of the lack of moisture.

By the end of May, farmers were concerned about the lack of rain. A few areas received enough rain to keep crops growing, but by late June it was evident that Wisconsin was in the midst of a drought. Hay was severely affected, and many fields turned brown as the hay went dormant. Rain from the second half of July through August kept alive crops that had managed to survive. However, this rain came too late to bring yields up to average for most crops. With fewer crops and advanced maturity, harvesting began early. Dry soils enabled most farmers to complete harvesting considerably ahead of normal. Fall plowing and winter wheat and rye planting were aided by dry conditions. However, by mid-October, some farmers became concerned that soils were becoming too dry for plowing. Most harvesting was completed by the first week in November as farmers prepared for winter by cutting wood, hauling manure and putting up snow fences. At the beginning of November, an unusually early snowfall brought an early taste of winter.

Corn production in 1988 declined almost 60 percent to 130.7 million bushels, with the grain yield of 67 bushels per acre down from last year's record high of 118. Production of all dry hay in Wisconsin during 1988 totaled 4.93 million tons, 45 percent below last year. Soybean production declined to 9.0 million bushels, 26 percent lower than last year. All wheat production totaled 5.2 million bushels, increasing 24 percent from last year. The planted and harvested acres of wheat increased 30 and 51 percent, respectively. The 1988 potato crop totaled 20.0 million hundredweight, 9 percent below 1987.

Wisconsin's dairy herds produced 25.4 billion pounds of milk, up over 2 percent from 1987.

Cheese production totaled 1.9 billion pounds during 1988, up 1 percent from last year. Butter production totaled 295.6 million pounds for the year, 13 percent above 1987.

The total value of farm assets declined by a little over 1 percent in 1987 (latest complete data). The average value of assets per farm was $225,319 compared to $225,741 in 1986. Total farm debt decreased 8 percent in 1987 and averaged $63,322 per farm, down from $68,010 in 1986. At the end of 1987 Wisconsin farmers' average debt/asset ratio was 28.1, down from 30.1 in 1986.

The 1987 net farm income after inventory adjustments, a measure of the net value of production, increased to $1.74 billion, up 19 percent from 1986. Net per farm income averaged $21,494 in 1987, compared with $17,788 the previous year. Net cash income, indicating the short-term financial status of farmers, increased by 17 percent over 1986 and totaled nearly $2.3 billion. Net cash income per farm, at $27,895, was $4,363 more than in 1986. Farm production expenses for 1987 totaled $4.1 billion, down almost 3 percent from 1986.

Net business income, a measure of earnings that best corresponds to taxable income for most farmers, increased from $15,898 per farm in 1986 to $21,173 per farm in 1987. Returns to operators averaged $20,262 per farm in 1987 compared to $16,141 a year earlier. This change was primarily due to an increase of $3,347 per farm in gross receipts from 1986 to 1987.

The increase in returns to operators and the decrease in total farm debt produced a large improvement in the ratio of returns to operators/total debt, which moved from 22.3 in 1986 to 30.7 in 1987.

FARM BALANCE SHEET (Excluding Farm Households): Wisconsin, December 31, 1983-87 1/

Item	1987	1986	1985	1984	1983
			Million dollars		
ASSETS					
Total farm assets	18,250.9	18,510.8	20,509.3	23,582.1	26,818.0
Real estate 2/	9,740.5	9,719.5	11,085.4	13,409.6	16,719.2
Livestock & poultry 3/	2,880.7	2,708.7	2,536.0	2,777.8	2,585.0
Machinery & motor vehicles 4/	3,529.4	3,860.3	4,149.8	4,638.8	4,841.6
Crops 5/	881.3	996.7	1,541.9	1,532.8	1,470.8
Financial assets	1,219.1	1,225.6	1,196.2	1,222.9	1,201.4
CLAIMS					
Total farm debt	5,129.1	5,576.8	6,272.1	6,698.5	6,708.2
Real estate debt 6/	2,733.9	2,956.6	3,345.5	3,512.2	3,532.5
Nonreal estate debt 7/	2,395.2	2,620.2	2,926.6	3,186.3	3,175.7
Equity	13,121.8	12,934.0	14,237.2	16,883.5	20,109.8
RATIOS					
Equity/assets	71.9	69.9	69.4	71.6	75.0
Debt/equity	39.1	43.1	44.1	39.7	33.4
Debt/assets, total	28.1	30.1	30.6	28.4	25.0
Debt/assets, real estate	28.1	30.4	30.2	26.2	21.1
Debt/assets, nonreal estate and CCC	28.1	29.8	31.1	31.3	31.4
Returns to operator/total debt 8/	30.7	22.3	14.4	13.6	3.6

Source: Economic Indicators of the Farm Sector, February 1989, ERS, USDA. 1/Data are for farms with sales of $1,000 or more annually. 2/Excludes value of operator dwellings. 3/Excludes horses, mules, and broilers. 4/Includes only farm share value for trucks and autos. 5/All non-CCC crops held on farms plus the value above loan rate for crops held under CCC. 6/Excludes debt on operator dwellings, but includes CCC storage and drying facility loans. 7/Excludes debt for nonfarm purposes. 8/Total debt in this ratio is an average for the year.

WISCONSIN'S RANK IN THE NATION'S AGRICULTURE, 1988

Commodity	Rank among States	Unit	Production			
			Wisconsin (000)	% of U.S.	United States (000)	Leading State
CASH RECEIPTS 1/						
All commodities	9	Dols.	4,926,412	3.3	151,527,650	California
Livestock and livestock products	6	Dols.	4,154,195	5.2	79,162,233	Texas
Crops	29	Dols.	772,217	1.1	72,365,417	California
DAIRY						
Milk production	1	Lbs.	25,400,000	17.5	145,527,000	Wisconsin
Butter	1	Lbs.	295,576	24.5	1,207,540	Wisconsin
Cheese, total (excluding cottage cheese)	1	Lbs.	1,901,379	34.1	5,571,623	Wisconsin
American	1	Lbs.	998,056	36.2	2,756,577	Wisconsin
Swiss	2	Lbs.	53,581	21.4	250,111	Ohio
Muenster	1	Lbs.	71,879	86.7	82,947	Wisconsin
Brick	1	Lbs.	8,489	34.0	24,946	Wisconsin
Italian	1	Lbs.	664,114	34.3	1,937,118	Wisconsin
Blue	1	Lbs.	20,898	55.3	37,789	Wisconsin
Cottage cheese						
Cottage cheese curd	4	Lbs.	29,420	5.3	556,660	New York
Cottage cheese creamed	6	Lbs.	41,999	4.5	937,937	New York
Under 4%	4	Lbs.	10,021	3.4	290,854	New York
Over 4%	6	Lbs.	31,978	4.9	647,083	New York
Condensed milk, bulk						
Sweetened, whole	1	Lbs.	69,615	94.1	73,946	Wisconsin
Sweetened, skim	1	Lbs.	57,699	98.6	58,530	Wisconsin
Unsweetened, whole	1	Lbs.	90,418	34.1	265,119	Wisconsin
Unsweetened, skim	2	Lbs.	148,306	15.4	961,555	California
Dry products						
Nonfat dry milk for human use	4	Lbs.	60,595	6.2	978,483	California
Nonfat dry milk for animal feed	2	Lbs.	697	3.7	18,744	California
Buttermilk	2	Lbs.	3,914	6.7	58,692	California
Whey products						
Dry whey 2/	1	Lbs.	492,979	39.2	1,258,720	Wisconsin
Lactose for human use	1	Lbs.	57,345	37.6	152,555	Wisconsin
Whey protein concentrate, human use	1	Lbs.	30,465	26.6	114,671	Wisconsin
LIVESTOCK AND POULTRY						
All cattle and calves 3/	8	Head	4,130	4.1	99,484	Texas
Milk cows 3/	1	Head	1,740	17.0	10,217	Wisconsin
All hogs and pigs 4/	11	Head	1,275	2.3	55,299	Iowa
Sheep 3/	26	Head	84	0.8	10,802	Texas
Chickens 4/	25	Head	4,060	1.1	335,489	California
Mink pelts 5/	1	Pelts	1,094.8	27.7	3,954.0	Wisconsin
Wool	24	Lbs.	705	0.8	89,235	Texas
Honey	8	Lbs.	8,118	3.8	211,511	Florida
Eggs	24	Eggs	873,000	1.3	69,476,000	California
CROPS						
Corn for grain	10	Bu.	130,650	2.7	4,921,191	Iowa
Corn for silage	1	Tons	10,005	12.7	78,925	Wisconsin
Oats	4	Bu.	19,720	9.0	218,773	Iowa
Soybeans	23	Bu.	8,970	0.6	1,538,666	Iowa
All hay	9	Tons	4,925	3.9	126,817	California
All potatoes	6	Cwt.	20,000	5.7	349,973	Idaho
Tobacco	12	Lbs.	7,080	0.5	1,370,592	North Carolina
Cherries, tart	5	Lbs.	8,900	3.8	236,200	Michigan
Cranberries	2	Bbl.	1,450	36.1	4,019	Massachusetts
Mint for oil	5	Lbs.	190	2.7	7,105	Oregon
Carrots 6/	5	Cwt.	1,296	4.0	32,501	California
Sweet corn for processing	1	Tons	609.0	25.3	2,407.6	Wisconsin
Green peas for processing	2	Tons	54.3	17.4	313.1	Washington
Snap beans for processing	1	Tons	209.5	35.6	588.3	Wisconsin
Cucumbers for pickles	5	Tons	46.9	7.2	651.6	Michigan

1/Source: ERS, USDA, April 1989 Monthly Cash Receipts. 2/Includes reduced lactose and reduced minerals whey. 3/January 1, 1989 inventory. 4/December 1, 1988 inventory. 5/1987 production. 6/Includes portion processed.

FARM INCOME INDICATIONS (Million Dollars): Wisconsin, 1983-87

Item	1987	1986	1985	1984	1983
Gross farm income 1/	5,826.2	5,655.6	5,674.8	6,157.4	5,566.6
Cash income	5,617.4	5,320.8	5,419.4	5,345.2	5,320.3
Farm marketings	5,017.0	4,866.5	5,080.8	4,941.3	5,018.0
Crops	795.1	844.5	1,025.6	866.8	877.6
Livestock and products	4,221.9	4,022.0	4,055.2	4,074.5	4,140.4
Government payments	406.0	266.4	152.2	237.8	166.0
Other farm income	194.5	187.9	186.3	166.1	136.3
Machine hire/customwork	23.7	15.3	23.8	17.3	14.6
Other farm-related income 2/	170.8	172.6	162.6	148.8	121.7
Noncash income	312.6	353.5	422.0	518.2	577.6
Value of home consumption	42.3	48.1	55.5	63.6	59.9
Rental value of dwellings	270.2	305.4	366.4	454.6	517.7
Operator dwellings	265.8	301.0	361.5	449.1	512.0
Hired laborer dwellings	4.4	4.4	4.9	5.5	5.7
Value of inventory adjustments	-103.8	-18.7	-166.5	294.0	-331.3
Total production expenses 1/	4,085.1	4,197.0	4,584.1	5,031.7	5,065.9
Intermediate product expenses	2,223.1	2,238.2	2,473.9	2,674.4	2,698.8
Farm origin	712.2	728.8	843.9	923.7	972.3
Feed purchased	557.8	583.4	660.7	730.5	801.5
Livestock and poultry purchased	42.9	34.9	59.1	65.4	59.9
Seed purchased	111.5	110.6	124.1	127.8	110.9
Manufactured inputs	583.2	570.2	715.1	706.6	695.0
Fertilizer and lime	202.5	205.5	267.7	244.5	234.8
Pesticides	96.5	94.3	105.0	100.2	87.3
Fuel and oil	148.9	160.5	220.6	239.3	251.4
Electricity	135.5	109.9	121.7	122.6	121.5
Other	927.6	939.2	914.9	1,044.0	1,031.4
Repair and maintenance	282.9	280.1	277.5	292.7	298.8
Other miscellaneous 3/	644.7	659.1	637.4	751.3	732.7
Interest	569.9	617.0	680.0	728.7	749.4
Real estate	281.1	321.7	348.0	377.8	382.8
Nonreal estate	288.8	295.3	332.0	350.9	366.6
Contract and hired labor expenses	324.5	297.9	296.2	292.9	295.3
Cash labor expenses 4/	307.8	284.1	280.0	274.9	278.3
Perquisites	16.7	13.8	16.2	18.0	17.0
Net rent to nonoperator landlords 5/	76.7	70.2	71.7	115.9	-11.2
Capital consumption	628.9	717.7	797.1	975.0	1,066.4
Property taxes	262.1	256.0	265.3	244.9	267.3
NET FARM INCOME	1,741.0	1,458.6	1,090.7	1,125.7	500.7
Cash expenses 6/	3,357.9	3,391.3	3,677.0	3,950.5	3,886.1
Intermediate product expenses	2,183.1	2,197.5	2,430.4	2,625.5	2,646.7
Interest	537.1	591.9	638.8	699.8	717.2
Cash labor expenses	307.8	284.1	280.0	274.9	278.3
Net rent to nonoperator landlords	76.7	70.2	71.7	115.9	-11.2
Property taxes	253.3	247.6	256.1	234.4	255.1
NET CASH INCOME 7/	2,259.5	1,929.6	1,742.4	1,394.7	1,434.2
NET BUSINESS INCOME 8/	1,715.0	1,303.6	1,053.1	563.7	523.7
Gross receipts of farms 9/	5,560.4	5,354.6	5,313.3	5,708.3	5,054.6
Nonfactor payments 6/	2,980.9	3,071.1	3,375.7	3,690.9	3,812.3
Intermediate product expenses	2,183.1	2,197.5	2,430.4	2,625.5	2,646.7
Capital consumption	544.6	626.0	689.2	831.0	910.5
Property taxes	253.3	247.6	256.1	234.4	255.1
Factor payments 6/	2,579.4	2,283.6	1,937.6	2,017.4	1,242.3
Interest	537.1	591.9	638.8	699.8	717.2
Contract and hired labor expenses	324.5	297.9	296.2	292.9	295.3
Net rent to nonoperator landlords 5/	76.7	70.2	71.7	115.9	-11.2
Returns to Operators 10/	1,641.2	1,323.6	930.9	908.9	241.0
Off-farm income 11/	1,228.3	1,172.4	1,118.9	1,022.4	972.2
Number of farms	81,000	82,000	83,000	86,000	88,000

Source: Economic Indicators of the Farm Sector, February 1989, ERS, USDA. 1/Includes operator dwellings. 2/Includes forest product sales, recreational income, and other farm business-related income. 3/Includes machine hire and customwork expenses; marketing, storage, and transportation expenses; and miscellaneous expenses. 4/ Includes contract labor expenses, hired labor wages, and Social Security payments. 5/Uses different data sources for periods before 1979, 1979-83, and 1984 and later. Estimates are not directly compatible among periods. 6/Excludes operator dwellings. 7/Cash income less cash expenses. 8/Net cash income less capital consumption. 9/Gross farm income less rental value of operator dwellings. 10/Gross receipts of farms less nonfactor payments, interest, contract and hired labor expenses, and net rent to nonoperator landlords. 11/Includes off-farm income for members of farm operator dwellings only.

PRICES RECEIVED BY FARMERS FOR LIVESTOCK AND POULTRY: By Months, Wisconsin, 1983-88

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Dollars per head						
						MILK COWS						
1988	**910**	-	-	**1,000**	-	-	**915**	-	-	**910**	-	-
1987	820	-	-	890	-	-	910	-	-	900	-	-
1986	730	-	-	770	-	-	790	-	-	810	-	-
1985	850	-	-	870	-	-	830	-	-	770	-	-
1984	800	-	-	890	-	-	930	-	-	880	-	-
1983	1,000	-	-	1,040	-	-	1,040	-	-	920	-	-
						Dollars per 100 pounds						
						BEEF CATTLE 1/						
1988	**52.60**	**53.80**	**55.00**	**57.00**	**58.50**	**52.00**	**51.10**	**52.40**	**54.60**	**53.80**	**51.30**	**53.60**
1987	46.10	47.60	49.30	51.00	52.20	53.20	52.50	51.40	52.60	51.40	50.10	51.00
1986	42.10	42.30	42.60	40.50	43.60	42.20	41.90	44.20	44.30	44.10	44.60	42.00
1985	46.70	47.80	46.40	45.20	44.80	43.20	40.60	39.90	39.40	42.00	43.10	41.50
1984	42.80	48.50	50.60	50.30	49.60	51.00	48.20	47.90	46.90	44.30	43.20	45.70
1983	44.10	46.80	49.60	51.90	51.90	50.20	48.40	45.70	44.30	42.00	41.80	42.30
						SLAUGHTER COWS						
1988	**45.90**	**47.40**	**47.50**	**47.80**	**47.80**	**42.80**	**43.80**	**45.00**	**45.80**	**45.10**	**43.30**	**44.80**
1987	39.20	40.60	43.50	43.00	43.10	43.30	43.20	43.60	44.50	43.60	42.90	44.60
1986	34.40	36.00	35.70	34.10	36.50	37.20	35.80	35.70	36.30	36.30	34.70	34.40
1985	38.20	40.50	39.80	39.30	39.10	37.30	35.40	35.20	34.40	33.60	32.60	32.20
1984	35.30	40.60	42.90	42.80	41.70	42.10	39.70	38.90	36.80	36.50	34.40	34.30
1983	37.30	40.80	42.80	42.70	43.40	42.80	40.60	38.20	37.40	35.70	34.00	33.60
						CALVES						
1988	**117.00**	**124.00**	**126.00**	**128.00**	**137.00**	**126.00**	**116.00**	**119.00**	**126.00**	**124.00**	**120.00**	**120.00**
1987	91.40	90.00	88.80	97.30	113.00	110.00	107.00	117.00	119.00	119.00	118.00	114.00
1986	84.90	89.00	84.70	87.00	89.20	91.20	79.00	81.80	89.90	86.00	80.50	82.80
1985	87.60	84.40	81.60	78.50	89.40	94.50	88.00	90.60	84.70	80.80	88.90	81.40
1984	91.50	96.30	96.30	95.30	101.00	102.00	88.90	86.10	91.30	87.80	67.20	77.90
1983	94.30	103.00	106.00	99.80	111.00	106.00	97.00	95.80	96.50	89.60	83.80	90.40
						HOGS						
1988	**38.40**	**41.80**	**44.40**	**40.60**	**40.40**	**45.10**	**45.50**	**42.20**	**43.50**	**38.80**	**37.30**	**34.70**
1987	46.20	47.10	46.50	49.80	53.50	58.10	58.60	57.40	52.60	47.20	39.10	38.40
1986	43.70	42.00	40.00	39.40	46.60	52.30	58.70	61.50	58.30	52.20	52.50	49.20
1985	46.70	47.20	47.30	42.40	41.90	40.40	43.50	44.40	41.30	38.90	42.70	44.40
1984	47.60	44.40	45.00	46.60	46.60	48.40	51.20	50.00	45.00	42.90	46.60	46.20
1983	53.90	55.40	49.10	45.70	45.00	42.70	42.50	45.30	43.40	39.20	37.10	44.60
						LAMBS						
1988	**83.30**	**80.00**	**80.00**	**72.20**	**73.50**	**61.30**	**59.10**	**59.30**	**61.20**	**62.80**	**67.10**	**69.20**
1987	79.90	77.40	81.30	86.40	89.00	79.00	73.30	70.90	69.70	67.50	66.80	76.20
1986	67.00	69.00	68.50	73.10	82.00	73.00	70.50	67.70	61.50	58.80	68.00	74.60
1985	66.60	70.40	71.50	72.40	75.40	71.70	72.20	70.50	68.40	66.00	66.00	64.00
1984	61.00	62.60	62.60	63.80	65.30	61.70	62.00	64.10	63.30	64.10	65.10	64.20
1983	55.20	62.00	65.00	64.70	63.00	53.50	52.10	49.00	49.20	53.60	56.10	62.50
						Cents per dozen						
						EGGS 2/						
1988	**31**	**29**	**33**	**29**	**26**	**30**	**43**	**42**	**49**	**43**	**41**	**40**
1987	47	44	42	45	41	35	34	33	40	32	41	29
1986	51	45	61	40	44	34	46	50	50	49	50	51
1985	38	34	42	36	34	43	38	46	50	50	56	54
1984	91	79	68	84	53	46	47	46	44	38	51	51
1983	37	41	44	40	46	50	42	49	51	57	72	77

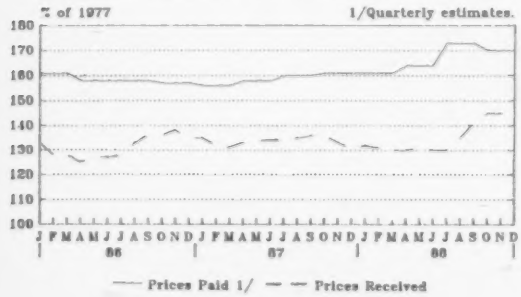
1/Slaughter cows and steers and heifers combined. 2/Market eggs only.

PRICES RECEIVED BY FARMERS FOR CROPS: By Months, Wisconsin, 1984-88

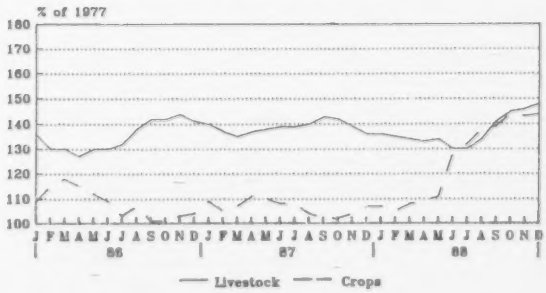
Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Dollars per bushel						
						CORN						
1988	**1.68**	**1.70**	**1.78**	**1.81**	**1.95**	**2.64**	**2.67**	**2.65**	**2.69**	**2.69**	**2.60**	**2.55**
1987	1.38	1.31	1.37	1.48	1.63	1.61	1.52	1.41	1.43	1.51	1.60	1.65
1986	2.30	2.31	2.26	2.22	2.30	2.23	1.99	1.81	1.49	1.42	1.45	1.49
1985	2.52	2.54	2.65	2.66	2.65	2.62	2.55	2.47	2.53	2.22	2.23	2.45
1984	3.03	3.05	3.14	3.22	3.33	3.39	3.30	3.22	3.04	2.71	2.52	2.47
						OATS						
1988	**1.75**	**1.76**	**1.64**	**1.64**	**1.79**	**2.28**	**2.59**	**2.46**	**2.52**	**2.48**	**2.38**	**2.46**
1987	1.32	1.29	1.33	1.31	1.35	1.32	1.20	1.18	1.29	1.40	1.51	1.54
1986	1.26	1.28	1.24	1.21	1.19	1.10	0.93	0.83	0.77	1.00	1.09	1.23
1985	1.75	1.69	1.67	1.68	1.60	1.59	1.50	1.25	1.18	1.16	1.15	1.21
1984	1.87	1.87	1.80	1.90	1.86	1.86	1.70	1.58	1.56	1.62	1.70	1.69
						WHEAT						
1988	**2.76**	**2.86**	**2.70**	**2.75**	**2.83**	**2.99**	**3.22**	**3.16**	**3.55**	**3.56**	**3.57**	1/
1987	2.31	2.46	2.61	2.43	2.81	2.39	2.26	2.25	2.32	2.61	2.46	2.63
1986	3.06	2.74	3.17	3.10	3.09	2.76	2.50	2.28	2.20	2.21	2.26	2.27
1985	3.27	3.31	3.24	3.36	3.26	3.13	2.91	2.74	2.61	2.71	3.08	3.08
1984	3.35	3.18	3.49	3.41	3.38	3.34	3.29	3.23	3.24	3.23	3.32	3.15
						SOYBEANS						
1988	**5.68**	**5.78**	**5.74**	**6.19**	**6.80**	**8.34**	**8.82**	**8.21**	**8.14**	**7.48**	**7.21**	**7.22**
1987	4.52	4.47	4.54	4.65	5.22	5.32	5.01	4.77	4.84	4.83	5.13	5.34
1986	4.95	5.05	5.11	5.08	5.06	4.98	4.83	4.71	4.60	4.28	4.56	4.42
1985	5.62	5.58	5.62	5.72	5.57	5.56	5.41	5.02	4.82	4.74	4.80	4.87
1984	7.11	6.67	7.41	7.38	7.94	7.49	6.70	6.30	5.86	5.91	5.86	5.62
						Dollars per ton						
						ALL HAY BALED						
1988	**55.00**	**55.00**	**55.00**	**54.00**	**53.00**	**67.00**	**106.00**	**105.00**	**103.00**	**105.00**	**104.00**	**126.00**
1987	53.00	54.00	54.00	54.00	55.00	46.00	55.00	57.00	56.00	49.00	49.00	61.00
1986	83.00	85.00	91.00	78.00	59.00	50.00	45.00	48.00	48.00	52.00	54.00	57.00
1985	63.00	70.00	66.00	66.00	49.00	77.00	63.00	60.00	60.00	75.00	70.00	84.00
1984	79.00	81.00	90.00	80.00	79.00	76.00	65.00	58.00	59.00	59.00	56.00	70.00
						Dollars per cwt.						
						POTATOES						
1988	**3.80**	**3.55**	**3.60**	**3.65**	**2.20**	**2.00**	1/	**5.80**	**5.40**	**6.45**	**7.10**	**7.50**
1987	5.95	5.30	5.35	6.40	5.05	1/	5.00	4.55	3.95	3.75	3.85	3.80
1986	3.00	2.70	3.30	3.15	3.20	3.20	1/	4.60	4.00	4.15	4.20	4.10
1985	5.05	5.30	5.70	6.10	6.20	6.00	2.80	2.30	3.50	3.00	3.45	3.20
1984	6.70	7.00	7.00	7.10	7.00	7.30	6.00	6.00	4.30	4.05	4.00	4.45

1/Insufficient sales to establish price.

WISCONSIN PRICES PAID & RECEIVED INDEXES



WISCONSIN PRICES RECEIVED INDEXES



PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION
United States, 1985-88

Commodity and unit 1/	Annual average price			
	1988	1987	1986	1985
	Dollars			
FARM MACHINERY				
Combine, self-propelled with grain head, medium capacity	72,000	65,300	62,900	63,400
Corn head, for combine, 4-row	11,800	11,100	11,100	11,500
Corn picker-husker, drawn or mounted, 2-row	13,500	12,700	13,600	13,800
Corn planter, with fertilizer attachment, 4-row	9,800	7,500	8,620	8,690
Cultivator, row crop, tractor attached, 4-row	2,830	2,510	2,520	2,500
Disk harrow, tandem, drawn, 15-17 ft.	8,195	7,575	7,755	7,980
Feed grinder-mixer, trailer-mounted, p.t.o.	9,225	8,485	7,920	7,650
Forage harvester, p.t.o. shear bar, pick-up-attachment	15,500	14,800	14,400	14,650
Grain drill, plain, 15-17 tubes	6,050	5,770	5,700	5,490
Hayrake, side-delivery, traction-drive	3,000	2,780	2,780	2,730
Manure loader, tractor hydraulic, exclude skid or self propelled	3,850	3,820	3,760	3,700
Manure spreader, conveyer type, p.t.o. 141-190-bu. cap.	3,790	5,090	5,310	5,220
Mower-conditioner, p.t.o., pull type, 8-10 ft., cutter bar	9,140	8,570	8,630	8,670
Mower, drawn or mounted, 7 ft.	2,850	2,670	2,540	2,460
Pick-up baler, automatic tie, p.t.o., conventional size bales	10,400	9,960	9,490	9,200
Plow, moldboard, 5 bottoms, drawn or mounted, 1 way	7,365	6,610	7,060	6,675
Tractor, wheel, 110-129 p.t.o. or belt hp	40,800	38,950	38,600	39,800
Wagon, farm, gravity unload, running gear and box, less tires	2,420	2,330	1,050	2,050
Windrower, self-propelled, 12-16 ft.	32,150	29,600	28,200	27,600
MOTOR SUPPLIES				
Diesel fuel, per gallon	0.73	0.71	1.15	1.00
Grease, per 35-pound pail	31.55	31.60	31.85	31.53
Moter oil, heavy duty (detergent), per gallon	4.70	4.58	4.68	4.68
Storage batteries, cpr 220-310 amps	49.10	48.20	48.03	48.40
Tires, tractor, rear, 18.4-34, 6-ply	411.50	395.00	405.50	375.75
Tires, truck, 7.50-16, Load Range D	74.30	73.15	71.05	62.33
FARM SUPPLIES				
Chain saw, gasoline, 20-inch	363.00	366.00	372.75	373.00
Fence charger, battery, solid state electronic	64.00	63.50	62.20	60.95
Fence, field and stock, 6" stay wire sp., 32" high, per 20-rod roll	71.60	71.75	75.15	77.23
Pipe, iron, galvanized, 1 1/4-inch, i.d., per foot	2.04	2.01	1.96	1.98
Pitchfork, 4-tine	21.00	20.50	21.05	20.50
Post, line fence, steel	2.48	2.48	2.73	2.78
Sprayer, hand, pressure, 3-4 gallon capacity	30.40	31.00	32.75	32.95
Twine, baler, per 40-pound bale	20.75	18.30	18.78	21.43
Tubing, plastic, 1-inch, i.d., per foot	0.32	0.25	0.25	0.26
Welder outfit, acetylene, complete	233.00	239.00	252.00	252.00
Wire, barbed, galvanized, 12 1/2 gauge, 4-point, per 80-rod spool	37.15	36.20	38.03	39.50
BUILDING MATERIALS				
Blocks, concrete, 8" X 8" X 16", per 100	99.00	96.70	92.68	90.42
Boards, rough, for farm fences and construction, per 1,000 bd. ft.	515.00	501.00	491.67	484.67
Cement, portland, 94 lb. net	6.37	6.30	6.20	6.07
Lumber, framing, 2" X 4" fir, standard and better, per 1,000 bd. ft.	392.33	391.00	375.33	386.50
Roofing, galvanized steel, 28-29 gauge, per 100 sq. ft.	42.97	41.40	41.42	42.58
Shingles, fiberglass, mineral surface, approx. 220 lb. per sq.	23.40	23.60	26.57	27.75
FERTILIZER AND LIMING MATERIALS				
Anhydrous ammonia, per ton	199.50	183.50	244.25	266.50
Limestone, ground, per ton	16.05	16.70	15.98	16.30
Mixed fertilizer, 6-24-24, per ton	208.00	179.50	186.75	209.00
Muriate of potash, 60%, K_2O, per ton	157.00	125.00	119.50	139.25
Nitrogen solutions, 28% N, per ton	126.00	111.50	132.75	139.50
Superphosphate, 44-46% P_2O_5, per ton	221.50	200.00	199.00	219.50
Urea, 45-46% N, per ton	185.50	160.00	209.25	226.00

1/Units are each, unless otherwise specified.

CASH RECEIPTS FROM FARM MARKETINGS: By Commodities, Wisconsin, 1983-87 1/

Commodity	1987	1986	1985	1984	1983 2/
			1,000 dollars		
Cash receipts-farm marketings	5,016,983	4,866,511	5,080,801	4,941,282	5,018,045
All livestock, dairy, and poultry	4,221,897	4,021,962	4,055,188	4,074,506	4,140,416
Meat animals	1,064,449	889,368	886,125	863,124	894,735
Cattle and calves	770,046	625,699	639,215	611,528	628,370
Hogs and pigs	289,433	249,898	242,527	248,503	262,417
Sheep and lambs	4,970	3,771	4,383	3,093	3,948
Dairy products	2,968,593	2,926,196	2,973,747	3,007,555	3,075,808
Poultry and eggs	126,515	146,747	147,482	151,925	125,450
Eggs	31,426	34,583	31,350	45,312	36,709
Turkeys	50,402	67,586	76,162	66,977	51,641
Broilers	16,909	16,565	13,171	14,973	12,707
Farm chickens	718	1,003	939	1,563	1,323
Miscellaneous poultry	27,060	27,010	25,860	23,100	23,070
All other livestock	62,340	59,651	47,834	51,902	44,423
Mink	47,076	46,785	33,020	36,615	32,160
Wool	396	296	294	387	313
Honey and beeswax	4,348	2,210	3/	3/	3/
Miscellaneous livestock	10,520	10,360	14,520	14,900	11,950
All crops	795,086	844,549	1,025,613	866,776	877,629
Field crops	380,839	473,661	623,227	469,024	522,021
Corn	229,102	327,127	418,093	255,043	331,183
Oats	16,885	10,133	14,564	15,990	14,503
Hay	49,907	51,519	77,777	51,710	50,669
Tobacco	10,302	18,086	17,398	17,615	20,981
Soybeans	57,742	45,198	66,474	95,853	80,356
Wheat	10,919	18,008	25,527	28,619	19,798
Barley	3,005	2,397	2,121	2,721	2,920
Rye	152	279	359	343	455
Miscellaneous field crops	2,825	914	914	1,130	1,156
All vegetables	265,804	225,166	262,808	266,272	228,548
Potatoes	72,924	64,845	89,065	94,234	89,308
Sweet corn	44,275	37,863	40,330	36,589	32,051
Green peas	24,886	23,743	36,359	28,323	23,684
Snap beans	39,956	35,378	37,821	35,740	29,495
Cucumbers	7,461	8,640	7,748	6,446	3/
Carrots	10,504	9,891	7,287	9,171	7,055
Onions	3,076	3,712	1,502	6,380	4,228
Miscellaneous vegetables	62,722	41,094	42,696	49,389	42,727
Specialty crops	148,443	145,722	139,578	131,480	127,060
Apples	12,890	9,799	8,553	10,626	8,494
Cherries	295	788	1,549	2,922	2,222
Cranberries	64,843	65,664	66,051	64,960	59,090
Strawberries	2,508	3,648	2,970	3,129	3,135
Greenhouse and nursery	61,233	58,172	52,041	39,872	45,500
Mint	4,669	5,052	4,505	6,384	5,434
Miscellaneous specialty crops	2,005	2,599	3,909	3,587	3,185
Government payments	405,969	266,424	152,222	237,814	165,990
Total	5,422,952	5,132,935	5,233,023	5,179,096	5,184,035

Source: Economics, ERS, USDA, October 1988. 1/Values for 1984-87 are preliminary and subject to revision. Revised numbers will be published in the October issue of 1988 Cash Receipts. 2/Revised. 3/Estimate discontinued; included in miscellaneous livestock.

CASH RECEIPTS FROM FARM MARKETINGS: By Counties, Wisconsin, 1987

County	All Commodities	All livestock				All crops		
		Dairy products	Meat animals	Poultry and eggs	Misc. livestock	Field crops	All vegetables	Other crops
	1,000 dollars							
Barron	138,324	76,708	19,310	28,885	227	7,756	4,961	477
Bayfield	11,770	8,431	2,063	113	43	528	3	589
Burnett	16,052	10,420	3,258	12	53	1,459	120	730
Chippewa	123,470	87,692	19,372	3,939	427	9,274	1,962	804
Douglas	6,422	2,612	2,141	393	624	207	1	444
Polk	80,648	55,958	12,999	1,966	706	7,316	1,161	542
Rusk	39,049	27,311	6,606	25	2,397	1,699	0	1,011
Sawyer	10,317	5,106	1,891	3	221	483	126	2,487
Washburn	17,656	11,073	3,497	462	119	935	26	1,544
N. W. Dist.	**443,707**	**285,311**	**71,137**	**35,798**	**4,817**	**29,657**	**8,360**	**8,627**
Ashland	7,750	6,026	1,277	13	42	337	0	55
Clark	145,934	111,649	27,588	958	998	3,414	613	714
Iron	1,999	564	608	2	518	45	253	9
Lincoln	27,294	17,485	5,104	15	1,200	633	966	1,891
Marathon	206,694	132,130	33,707	1,223	2,811	4,484	30,916	1,423
Oneida	9,580	297	604	5	2,158	83	2,913	3,520
Price	19,671	11,667	3,170	171	1,957	451	80	2,175
Taylor	64,129	45,390	13,211	55	3,976	1,403	14	80
Vilas	4,854	0	177	3	68	18	4	4,584
N. C. Dist.	**487,906**	**325,208**	**85,446**	**2,445**	**13,728**	**10,868**	**35,759**	**14,452**
Florence	2,338	1,484	489	2	26	71	245	21
Forest	4,037	2,642	1,120	3	81	83	73	35
Langlade	38,597	18,969	5,153	59	980	799	12,129	508
Marinette	35,583	24,283	7,530	31	604	1,332	1,282	521
Oconto	66,198	47,082	12,553	79	124	2,605	3,022	733
Shawano	112,570	83,210	22,606	102	880	3,375	1,676	721
N. E. Dist.	**259,323**	**177,670**	**49,451**	**276**	**2,695**	**8,265**	**18,427**	**2,539**
Buffalo	75,254	50,288	15,764	4,111	86	4,726	19	260
Dunn	110,582	70,148	19,606	6,302	708	8,153	5,365	300
Eau Claire	51,034	31,141	8,971	2,680	507	3,543	3,345	847
Jackson	54,040	27,519	8,564	2,986	617	3,476	97	10,781
La Crosse	48,407	29,745	12,415	35	144	3,921	337	1,810
Monroe	96,549	60,114	14,871	2,755	369	4,703	147	13,590
Pepin	25,541	17,188	5,360	14	42	2,590	322	25
Pierce	70,333	44,173	18,258	45	311	6,762	128	656
St. Croix	93,316	61,955	18,758	2,232	371	7,590	1,572	838
Trempealeau	108,174	62,904	22,216	13,168	999	7,526	227	1,134
W. C. Dist.	**733,231**	**455,175**	**144,783**	**34,328**	**4,154**	**52,990**	**11,559**	**30,242**
Adams	22,314	5,967	2,378	786	136	3,015	9,864	168
Green Lake	47,120	23,274	12,551	193	275	4,772	5,630	425
Juneau	44,345	22,947	8,166	440	104	4,309	4,695	3,684
Marquette	28,935	13,359	8,163	941	181	2,810	2,020	1,461
Portage	92,410	28,320	16,561	259	86	4,580	39,217	3,387
Waupaca	88,501	60,886	17,210	67	300	6,157	3,045	836
Waushara	51,830	15,526	7,301	78	545	4,347	22,907	1,126
Wood	80,897	43,193	11,767	68	665	3,145	2,958	19,101
C. Dist.	**456,352**	**213,472**	**84,097**	**2,832**	**2,292**	**33,135**	**90,336**	**30,188**
Brown	96,926	66,318	19,513	75	654	4,452	2,523	3,391
Calumet	76,464	56,077	11,364	507	2,632	4,055	1,626	203
Door	37,676	24,224	6,337	27	131	2,079	1,457	3,421
Fond du Lac	145,153	90,394	26,963	458	2,919	9,897	13,308	1,214
Kewaunee	70,422	51,654	12,615	39	507	3,257	1,301	1,049
Manitowoc	117,203	80,597	21,769	432	3,208	5,786	4,888	523
Outagamie	128,569	81,577	28,515	650	406	7,485	6,151	3,785
Sheboygan	84,811	50,525	15,332	163	5,452	5,590	6,241	1,508
Winnebago	60,117	36,989	9,992	689	2,051	6,509	2,437	1,450
E. C. Dist.	**817,341**	**538,355**	**152,400**	**3,040**	**17,960**	**49,110**	**39,932**	**16,544**

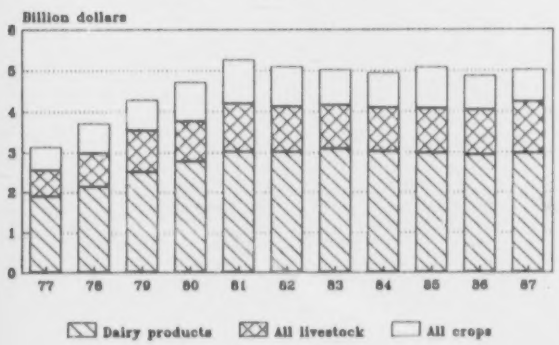
CASH RECEIPTS FROM FARM MARKETINGS: By Counties, Wisconsin, 1987, Continued

County	All Commodities	All livestock				All crops		
		Dairy products	Meat animals	Poultry and eggs	Misc. livestock	Field crops	All vegetables	Other crops
	1,000 dollars							
Crawford	46,836	28,914	12,351	42	151	3,175	23	2,180
Grant	183,602	103,040	70,101	509	255	8,468	380	849
Iowa	99,745	61,925	29,722	1,116	181	4,533	2,018	250
Lafayette	106,348	63,884	34,974	43	402	6,930	23	92
Richland	62,469	39,720	16,179	1,260	159	2,799	883	1,469
Sauk	101,320	62,994	27,618	2,515	336	5,310	1,674	873
Vernon	96,259	66,407	21,177	287	796	6,878	322	392
S. W. Dist.	**696,581**	**426,884**	**212,122**	**5,772**	**2,280**	**38,093**	**5,323**	**6,107**
Columbia	109,059	45,034	35,741	2,568	559	15,692	7,684	1,781
Dane	198,151	109,066	47,401	3,325	1,283	28,314	6,374	2,388
Dodge	173,051	96,182	44,711	1,377	1,547	17,954	8,982	2,298
Green	122,707	77,065	33,898	29	578	10,597	269	271
Jefferson	103,791	46,577	23,080	12,628	1,451	10,964	6,408	2,683
Rock	101,356	41,412	27,808	1,206	1,967	23,635	3,852	1,476
S. C. Dist.	**808,116**	**415,336**	**212,639**	**21,133**	**7,385**	**107,156**	**33,569**	**10,898**
Kenosha	27,736	9,796	4,533	203	1,757	7,590	1,406	2,451
Milwaukee	12,473	594	222	10	48	944	812	9,843
Ozaukee	32,243	17,841	5,569	130	495	3,206	2,738	2,264
Racine	62,575	14,665	7,624	16,052	906	10,096	7,414	5,818
Walworth	78,817	29,894	19,528	3,898	889	15,640	6,328	2,640
Washington	60,936	40,432	9,124	414	397	5,223	1,960	3,386
Waukesha	39,646	17,960	5,774	184	2,537	6,955	1,881	4,355
S. E. Dist.	**314,426**	**131,182**	**52,374**	**20,891**	**7,029**	**49,654**	**22,539**	**30,757**
State	**5,016,983**	**2,968,593**	**1,064,449**	**126,515**	**62,340**	**378,928**	**265,804**	**150,354**

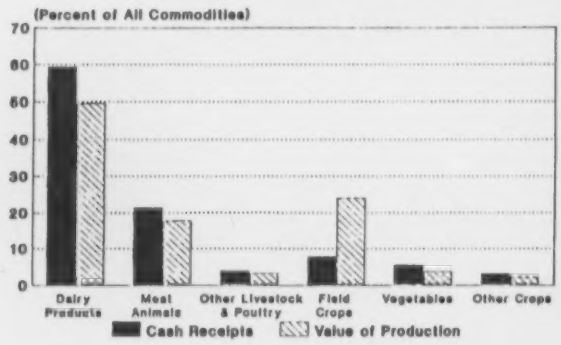
CASH RECEIPTS FROM FARM MARKETINGS
Top Ranking Counties, Wisconsin, 1987

Commodity	1	2	3
All commodities	Marathon	Dane	Grant
Dairy products	Marathon	Clark	Dane
Meat animals	Grant	Dane	Dodge
Poultry and eggs	Barron	Racine	Trempealeau
Field crops	Dane	Rock	Dodge
All vegetable	Portage	Marathon	Waushara
Other crops	Wood	Monroe	Jackson

WISCONSIN CASH RECEIPTS
FROM FARM MARKETINGS



CASH RECEIPTS FROM MARKETINGS
VS. VALUE OF PRODUCTION, WI 1987



NUMBER OF FARMS, AVERAGE SIZE, AND LAND IN FARMS: By Counties, Wisconsin, 1987-88

County	1988				1987 1/		
	Number of farms	Average size of farms	Land in farms	Rank	Number of farms	Average size of farms	Land in farms
	Number	Acres			Number	Acres	
Barron	1,820	218.1	397,000	11	1,810	219.9	398,000
Bayfield	430	258.1	111,000	58	430	260.5	112,000
Burnett	460	223.9	103,000	60	460	226.1	104,000
Chippewa	1,800	239.4	431,000	6	1,790	242.5	434,000
Douglas	350	234.3	82,000	63	340	238.2	81,000
Polk	1,630	208.6	340,000	22	1,620	211.1	342,000
Rusk	790	235.4	186,000	44	780	239.7	187,000
Sawyer	220	240.9	53,000	65	220	245.5	54,000
Washburn	400	267.5	107,000	59	400	270.0	108,000
N.W. District	**7,900**	**229.1**	**1,810,000**		**7,850**	**231.8**	**1,820,000**
Ashland	270	251.9	68,000	64	270	251.9	68,000
Clark	2,400	195.4	469,000	4	2,370	199.2	472,000
Iron	60	250.0	15,000	69	60	250.0	15,000
Lincoln	570	208.8	119,000	57	550	216.4	119,000
Marathon	3,330	184.4	614,000	2	3,300	187.3	618,000
Oneida	120	375.0	45,000	66	120	375.0	45,000
Price	540	246.3	133,000	54	530	250.9	133,000
Taylor	1,160	239.7	278,000	30	1,150	244.3	281,000
Vilas	50	180.0	9,000	71	50	180.0	9,000
N.C. District	**8,500**	**205.9**	**1,750,000**		**8,400**	**209.5**	**1,760,000**
Florence	90	255.6	23,000	68	90	255.6	23,000
Forest	150	213.3	32,000	67	150	213.3	32,000
Langlade	560	262.5	147,000	51	550	263.6	145,000
Marinette	800	226.3	181,000	45	790	230.4	182,000
Oconto	1,220	204.9	250,000	32	1,210	206.6	250,000
Shawano	1,780	194.9	347,000	21	1,760	197.7	348,000
N.E. District	**4,600**	**213.0**	**980,000**		**4,550**	**215.4**	**980,000**
Buffalo	1,130	330.1	373,000	17	1,110	338.7	376,000
Dunn	1,670	253.3	423,000	8	1,640	260.4	427,000
Eau Claire	1,110	202.7	225,000	37	1,090	207.3	226,000
Jackson	870	285.1	248,000	35	860	288.4	248,000
La Crosse	900	227.8	205,000	39	880	235.2	207,000
Monroe	1,790	210.1	376,000	16	1,760	216.5	381,000
Pepin	480	250.0	120,000	56	470	255.3	120,000
Pierce	1,380	213.8	295,000	26	1,360	217.6	296,000
St. Croix	1,730	204.6	354,000	19	1,710	208.2	356,000
Trempealeau	1,640	238.4	391,000	13	1,620	242.6	393,000
W.C. District	**12,700**	**237.0**	**3,010,000**		**12,500**	**242.4**	**3,030,000**
Adams	430	290.7	125,000	55	420	290.5	122,000
Green Lake	750	226.7	170,000	47	740	227.0	168,000
Juneau	830	242.2	201,000	40*	820	243.9	200,000
Marquette	550	280.0	154,000	50	540	283.3	153,000
Portage	1,150	259.1	298,000	24*	1,140	256.1	292,000
Waupaca	1,470	193.9	285,000	28	1,450	194.5	282,000
Waushara	760	247.4	188,000	43	750	248.0	186,000
Wood	1,260	197.6	249,000	33*	1,240	199.2	247,000
C. District	**7,200**	**231.9**	**1,670,000**		**7,100**	**232.4**	**1,650,000**
Brown	1,380	169.6	234,000	36	1,360	172.8	235,000
Calumet	1,040	167.3	174,000	46	1,020	171.6	175,000
Door	1,010	153.5	155,000	49	990	156.6	155,000
Fond du Lac	1,890	200.5	379,000	15	1,870	201.6	377,000
Kewaunee	1,110	173.0	192,000	42	1,090	175.2	191,000
Manitowoc	1,660	177.1	294,000	27	1,650	176.4	291,000
Outagamie	1,710	174.3	298,000	24*	1,700	174.1	296,000
Sheboygan	1,320	168.9	223,000	38	1,310	168.7	221,000
Winnebago	1,080	186.1	201,000	40*	1,060	187.7	199,000
E.C. District	**12,200**	**176.2**	**2,150,000**		**12,050**	**177.6**	**2,140,000**

NUMBER OF FARMS, AVERAGE SIZE, AND LAND IN FARMS: By Counties, Wisconsin, 1987-88, Continued

County	1988				1987 1/		
	Number of farms	Average size of farms	Land in farms	Rank	Number of farms	Average size of farms	Land in farms
	Number	Acres			Number	Acres	
Crawford	1,130	247.8	280,000	29	1,120	250.0	280,000
Grant	2,670	256.9	686,000	1	2,640	259.5	685,000
Iowa	1,460	284.9	416,000	9	1,440	288.2	415,000
Lafayette	1,440	278.5	401,000	10	1,430	279.7	400,000
Richland	1,280	240.6	308,000	23	1,250	247.2	309,000
Sauk	1,630	242.3	395,000	12	1,610	244.7	394,000
Vernon	2,390	177.4	424,000	7	2,360	180.9	427,000
S.W. District	**12,000**	**242.5**	**2,910,000**		**11,850**	**245.6**	**2,910,000**
Columbia	1,620	221.6	359,000	18	1,610	221.7	357,000
Dane	3,110	195.2	607,000	3	3,080	196.8	606,000
Dodge	2,340	194.9	456,000	5	2,310	197.0	455,000
Green	1,550	225.8	350,000	20	1,520	228.9	348,000
Jefferson	1,580	174.7	276,000	31	1,550	177.4	275,000
Rock	1,650	231.5	382,000	14	1,630	232.5	379,000
S.C. District	**11,850**	**205.1**	**2,430,000**		**11,700**	**206.8**	**2,420,000**
Kenosha	560	180.4	101,000	61	550	185.5	102,000
Milwaukee	150	86.7	13,000	70	150	86.7	13,000
Ozaukee	530	166.0	88,000	62	520	169.2	88,000
Racine	780	178.2	139,000	53	780	175.6	137,000
Walworth	1,060	234.9	249,000	33*	1,060	234.0	248,000
Washington	1,060	150.0	159,000	48	1,050	152.4	160,000
Waukesha	910	154.9	141,000	52	890	159.6	142,000
S.E. District	**5,050**	**176.2**	**890,000**		**5,000**	**178.0**	**890,000**
State	**82,000**	**214.6**	**17,600,000**		**81,000**	**217.3**	**17,600,000**

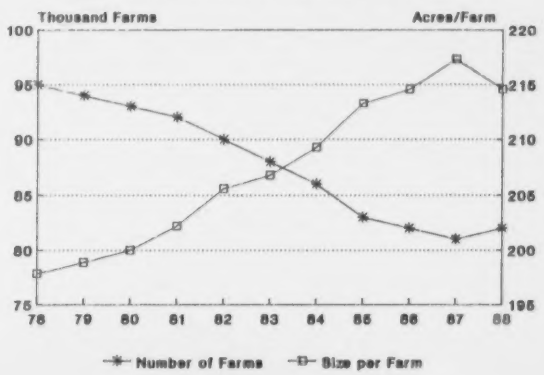
*Tied. 1/Revised.

NUMBER OF FARMS AND LAND IN FARMS 1/ Wisconsin, 1981-88

Year	Number of farms	Land in farms	Average size of farm
	Number	Acres	Acres
1988 2/	**82,000**	**17,600,000**	**214.6**
1987*	81,000	17,600,000	217.3
1986	82,000	17,600,000	214.6
1985	83,000	17,700,000	213.3
1984	86,000	18,000,000	209.3
1983	88,000	18,200,000	206.8
1982	90,000	18,500,000	205.6
1981	92,000	18,600,000	202.2

1/Farm defined as a place that sells $1,000 of agricultural products. 2/Preliminary. *Revised

WISCONSIN FARM NUMBERS & SIZE



VALUE OF LAND AND BUILDINGS AND AVERAGE GROSS RENT PER FARM: Wisconsin, 1981-89

Year	Value of land and buildings			Average gross rent per acre		
	Average per acre	Value per farm	Total	Farms rented for cash	Cropland rented for cash	Pasture rented for cash
	Dollars	Dollars	Million dollars	Dollars	Dollars	Dollars
1989	**661**	**1/**	**11,641**	**51.10**	**50.90**	**23.30**
1988*	630	135,207	11,087	50.30	45.40	21.40
1987*	626	136,037	11,019	42.40	44.80	20.20
1986	711	152,708	12,522	43.70	48.80	22.00
1985	847	180,625	14,992	53.20	53.10	23.20
1984	1,046	219,000	18,832	56.14	58.26	25.73
1983	1,113	230,200	20,257	56.60	57.00	24.30
1982	1,144	235,200	21,164	53.30	58.10	23.60
1981	1,152	232,900	21,427	49.10	55.70	22.70

*Revised. 1/Not available at time of publication. Source: Agricultural Resources, April 1989, ERS, USDA.

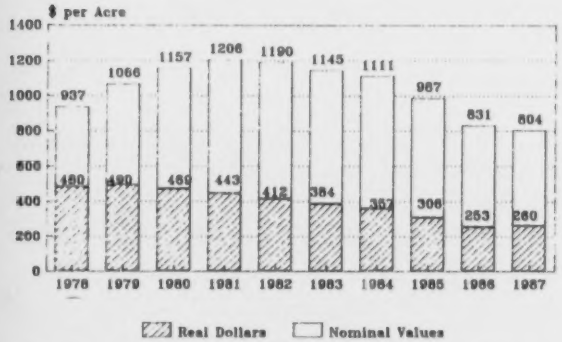
AGRICULTURAL LAND SALES: By Counties, Wisconsin, 1986-87

County	Number of transactions		Land continuing in agricultural use		Agricultural land being diverted to other uses		Total of all reported agricultural lands	
	1987	1986	1987	1986	1987	1986	1987	1986
	Number		Dollars per acre					
Barron	80	91	514	572	514	465	514	558
Bayfield	37	24	358	315	423	303	372	314
Burnett	28	26	427	444	377	342	418	425
Chippewa	94	77	501	550	725	377	521	521
Douglas	17	25	286	245	135	294	243	252
Polk	136	95	578	582	533	543	567	577
Rusk	51	45	405	440	408	285	406	389
Sawyer	21	15	343	380	756	271	371	365
Washburn	18	37	278	448	447	516	294	462
N.W. District	**482**	**435**	**480**	**518**	**514**	**408**	**485**	**500**
Ashland	36	18	227	579	274	349	244	516
Clark	164	121	541	614	322	214	541	608
Iron	7	4	150	112	166	393	154	262
Lincoln	57	51	404	625	573	348	433	581
Marathon	258	174	628	699	575	808	625	710
Oneida	11	11	441	421	185	485	378	441
Price	46	47	219	430	472	496	321	441
Taylor	103	77	388	477	319	367	382	467
Vilas	5	6	535	762	301	577	461	659
N.C. District	**687**	**509**	**527**	**609**	**443**	**542**	**521**	**603**
Florence	33	35	310	373	526	252	398	346
Forest	22	13	539	403	449	345	499	391
Langlade	43	45	482	595	422	329	465	580
Marinette	113	116	589	494	632	471	600	490
Oconto	111	69	590	627	723	731	604	635
Shawano	136	110	724	842	542	581	704	829
N.E. District	**458**	**388**	**624**	**654**	**566**	**480**	**614**	**637**
Buffalo	44	38	508	575	1,020	1,540	520	601
Dunn	95	71	503	600	566	813	512	617
Eau Claire	76	63	608	648	797	903	624	669
Jackson	85	70	472	551	552	406	478	542
La Crosse	49	33	878	784	834	1,443	876	843
Monroe	99	116	777	724	507	879	750	730
Pepin	26	21	636	533	379	385	621	530
Pierce	107	59	655	648	714	945	671	707
St Croix	121	122	720	709	753	1,031	727	788
Trempealeau	90	86	503	524	302	548	499	525
W.C. District	**792**	**679**	**620**	**630**	**672**	**897**	**626**	**657**
Adams	36	36	726	836	670	672	718	818
Green Lake	40	39	828	1,009	1,203	718	880	959
Juneau	61	53	723	668	709	595	721	665
Marquette	67	67	521	605	578	739	536	623
Portage	120	107	629	871	400	477	597	789
Waupaca	161	115	800	832	637	726	764	819
Waushara	101	96	633	672	770	798	678	695
Wood	108	85	849	613	609	733	807	632
C. District	**694**	**598**	**738**	**759**	**660**	**665**	**722**	**745**
Brown	76	53	932	969	1,454	1,750	980	1,144
Calumet	43	34	877	924	3,205	1,741	965	979
Door	52	45	928	917	1,014	2,371	946	1,102
Fond du Lac	83	75	835	975	821	1,086	834	991
Kewaunee	41	50	794	840	582	654	776	837
Manitowoc	78	90	834	802	822	642	833	789
Outagamie	107	75	818	1,083	1,333	2,179	842	1,232
Sheboygan	82	59	895	937	1,195	1,309	974	1,020
Winnebago	76	48	858	858	1,503	2,424	1,054	1,268
E.C. District	**638**	**529**	**858**	**923**	**1,240**	**1,605**	**907**	**1,017**

AGRICULTURAL LAND SALES: By Counties, Wisconsin, 1986-87, Continued

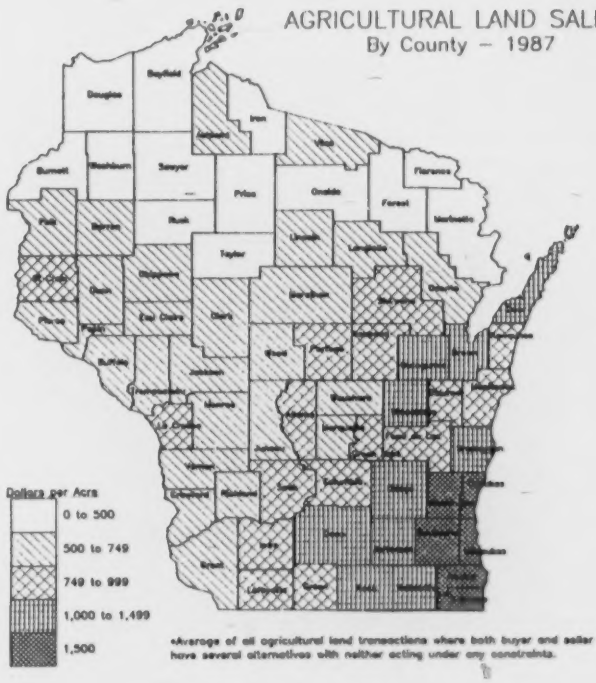
County	Number of transactions		Land continuing in agricultural use		Agricultural land being diverted to other uses		Total of all reported agricultural lands	
	1987	1986	1987	1986	1987	1986	1987	1986
	Number		Dollars per acre					
Crawford	87	69	554	535	513	439	550	533
Grant	139	96	678	669	781	389	682	655
Iowa	97	88	628	834	875	871	667	842
Lafayette	78	34	757	887	649	536	755	854
Richland	92	68	662	609	525	592	639	604
Sauk	122	73	760	825	495	845	718	828
Vernon	141	114	678	755	701	577	680	738
S.W. District	**756**	**542**	**684**	**723**	**659**	**688**	**681**	**719**
Columbia	90	79	709	985	1,006	1,067	765	999
Dane	132	135	925	955	1,380	1,868	1,051	1,182
Dodge	136	99	1,005	1,084	1,162	1,382	1,023	1,122
Green	77	59	830	863	855	1,369	834	878
Jefferson	78	86	1,008	982	1,790	1,608	1,074	1,037
Rock	100	85	891	1,074	1,345	1,748	924	1,121
S.C. District	**613**	**543**	**907**	**988**	**1,212**	**1,606**	**954**	**1,066**
Kenosha	46	28	1,875	1,800	6,298	3,716	3,012	1,913
Milwaukee	5	3	8,382	1,125	8,241	2,606	8,329	1,704
Ozaukee	38	40	1,444	1,788	1,595	3,461	1,494	2,149
Racine	52	33	1,360	1,644	4,680	4,235	1,615	1,829
Walworth	75	51	1,273	1,454	3,294	2,933	1,355	1,497
Washington	72	51	1,766	2,082	3,622	2,327	2,186	2,119
Waukesha	99	51	2,061	2,631	5,898	4,981	3,474	3,360
S.E. District	**387**	**257**	**1,596**	**1,818**	**4,829**	**3,796**	**2,189**	**2,085**
State	**5,507**	**4,480**	**748**	**794**	**1,177**	**1,093**	**804**	**831**

WISCONSIN AVERAGE LAND VALUE PER ACRE IN NOMINAL & REAL DOLLARS 1/



1/Nominal values are as reported by the Wisconsin Dept. of Revenue. Real values are these figures deflated by the Consumer Price Index in 1967 dollars.

AGRICULTURAL LAND SALES*
By County – 1987



*Average of all agricultural land transactions where both buyer and seller have several alternatives with neither acting under any constraints.

Crops & Vegetables

The drought of 1988 reduced crop yields throughout the state. Extremely dry spring weather became evident in May and most crops were severely affected. Plants were slow to germinate and growth was stunted. Throughout the hot summer, only a few locations received the rain that all were hoping for. Near average rainfall in August came too late for many areas. Soil moisture was rated short by at least 90 percent of the reporters from the end of May through the middle of August.

The state average precipitation for the 1988 growing season (April 1 to September 30) totaled 15.8 inches, nearly 6 inches below normal. The southwest district was the driest with 7.7 inches less than the 30-year average. Sunshine and low humidities aggravated dry conditions and encouraged faster rates of evaporation and transpiration. Growing degree day accumulations from April 1 to October 9 averaged 14 percent higher than normal for the state. May through August temperatures averaged 3 to 4 degrees above normal each month.

After a slow start at the beginning of April, planting progressed rapidly. Most crop acreage was planted in record time. However, dry soils that encouraged speedy planting were not replenished by rains and hampered plant growth. By the end of May, farmers were worried about the lack of rain. A few areas received enough rain to keep crops growing, but by late June it was evident that Wisconsin, along with many neighboring states, was in the midst of a drought. Hay was severely affected and many fields turned brown as they went into dormancy. Rain from the second half of July through August prevented a total crop loss; however, it was too late to help yields. With fewer crops and advanced maturity, the harvest began early. Dry soils enabled farmers to complete harvesting considerably ahead of normal. October frosts made combining of soybeans easier after the heavy weed growth died down. Fall plowing and winter wheat planting were aided by dry conditions.

After two years with record corn yields, 1988's results were disappointing. The drought cut the average yield to 67 bushels, down 51 bushels from a 118 bushel yield in 1987. Corn for grain production at 130.7 million bushels was 60 percent below a year earlier. Corn silage production at 10.0 million tons was down only 2 percent from a year earlier. Yields were about half that of the previous year, but farmers harvested nearly double the 1987 acreage to meet feed needs. Soybean production at 9.0 million bushels was down 26 percent from a year earlier. Yields dropped 15 bushels from 1987 to an average 23 bushels per acre.

Dry hay production in 1988 was down 45 percent from the previous year. All hay acreage increased to 3.75 million acres, largely due to cutting on government program acres. Alfalfa and alfalfa hay mixtures accounted for 4.34 million tons. Alfalfa yield averaged 1.40 tons per acre, the lowest per acre yield since the 1930's. Other hay production was down 44 percent from 1987. Production of oats in Wisconsin, at 19.7 million bushels, dropped 54 percent from 1987. Both acreage (-27%) and average yield (-37%) dropped. Winter wheat production at 5 million bushels increased 54 percent over 1987. Harvested acreage more than doubled as it returned to 1986's level, but yield was down 14 bushels.

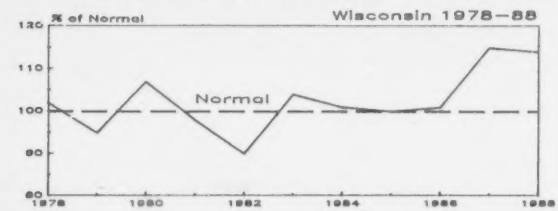
Potato production totaled 20 million hundredweight, down 9 percent from 1987. Tobacco production totaled 7.1 million pounds with both acreage harvested and yield per acre down. Processing vegetables were also stressed by the hot, dry weather. Sweet corn tonnage was down 21 percent from a year earlier, snap bean production was off 25 percent and green peas were down 53 percent. Harvested acres of the three processing crops were 4 percent lower than in 1987. The cranberry crop was one of the few bright spots in the year. Production increased 10 percent over 1987 since bogs with their own water reserves were not seriously affected by the drought. Production increases also occurred for cucumbers, onions and rye. Production decreases were registered for apples, barley, carrots, mint oils, spring wheat, strawberries and tart cherries.

CROP SUMMARY: All Crops, Wisconsin, 1987-88

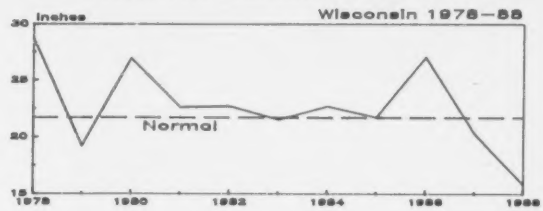
Crop	1988					1987				
	Acres harvested	Yield per acre	Unit	Production		Acres harvested	Yield per acre	Unit	Production	
				Total	Value				Total	Value
	Acres			1,000	1,000 dollars	Acres			1,000	1,000 dollars
Field crops										
Hay, all (dry only)	3,750,000	1.31	Ton	4,925	561,450	3,320,000	2.67	Ton	8,880	475,080
Alfalfa (dry only)	3,100,000	1.40	Ton	4,340	514,070	2,800,000	2.80	Ton	7,840	433,160
All other hay 1/ (dry only)	650,000	0.90	Ton	585	47,380	520,000	2.00	Ton	1,040	41,920
Oats	580,000	34.0	Bu.	19,720	48,314	800,000	54.0	Bu.	43,200	64,800
Corn for grain	1,950,000	67.0	Bu.	130,650	339,690	2,800,000	118.0	Bu.	330,400	664,104
Corn for silage	1,450,000	6.9	Ton	10,005	250,125	730,000	14.0	Ton	10,220	153,300
Soybeans for beans	390,000	23.0	Bu.	8,970	67,275	320,000	38.0	Bu.	12,160	69,434
Wheat, all	133,000	38.7	Bu.	5,152	17,002	88,000	47.3	Bu.	4,164	9,702
Winter	125,000	40.0	Bu.	5,000	16,500	60,000	54.0	Bu.	3,240	7,549
Spring	8,000	19.0	Bu.	152	502	28,000	33.0	Bu.	924	2,153
Barley	75,000	34.0	Bu.	2,550	5,865	88,000	54.0	Bu.	4,752	7,366
Rye	6,000	20.0	Bu.	120	312	5,000	20.0	Bu.	100	170
Potatoes, all	62,500	320	Cwt.	20,000	120,000	63,500	345	Cwt.	21,908	84,346
Tobacco, all	3,600	1,967	Lb.	7,080	8,850	4,200	1,993	Lb.	8,370	8,370
Type 54	2,500	2,040	Lb.	5,100	6,375	2,700	2,100	Lb.	5,670	5,670
Type 55	1,100	1,800	Lb.	1,980	2,475	1,500	1,800	Lb.	2,700	2,700
Fruits & Specialties										
Apples	6,710	6,710	Lb.	45,000	9,030	6,490	10,000	Lb.	65,000	9,466
Tart cherries	2,810	3,170	Lb.	8,900	1,678	2,770	5,050	Lb.	14,000	295
Cranberries 2/	8,300	174.7	Bbl.	1,450	64,380	8,100	163.0	Bbl.	1,320	58,608
Strawberries	1,000	41	Cwt.	41	2,624	1,200	37	Cwt.	44	2,508
Peppermint, oil	4,900	20	Lb.	98	2,254	4,600	36	Lb.	166	2,407
Spearmint, oil	4,000	23	Lb.	92	1,748	4,000	39	Lb.	156	2,262
Vegetable, fresh										
Carrots 3/	3,200	405	Cwt.	1,296	7,657	3,500	500	Cwt.	1,750	10,504
Lettuce	0	0	Cwt.	0	0	0	0	Cwt.	0	0
Onions	1,300	270	Cwt.	351	3,680	1,200	280	Cwt.	336	3,090
Vegetables, processing										
Sweet corn	138,400	4.40	Ton	609	34,772	140,000	5.50	Ton	770	44,275
Green peas	79,900	0.68	Ton	54	13,637	82,500	1.39	Ton	115	24,886
Snap beans	82,800	2.53	Ton	209	31,631	88,700	3.15	Ton	279	39,956
Cucumbers	6,800	6.90	Ton	47	8,774	5,700	8.03	Ton	46	7,461

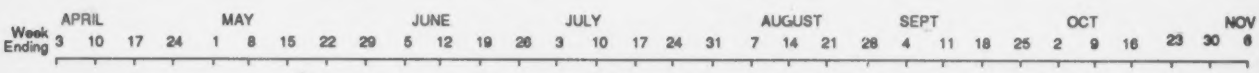
1/Includes clover, timothy, and other types. 2/1987 season average price used in computing value. 3/Includes portion processed.

CORN GROWING DEGREE DAYS

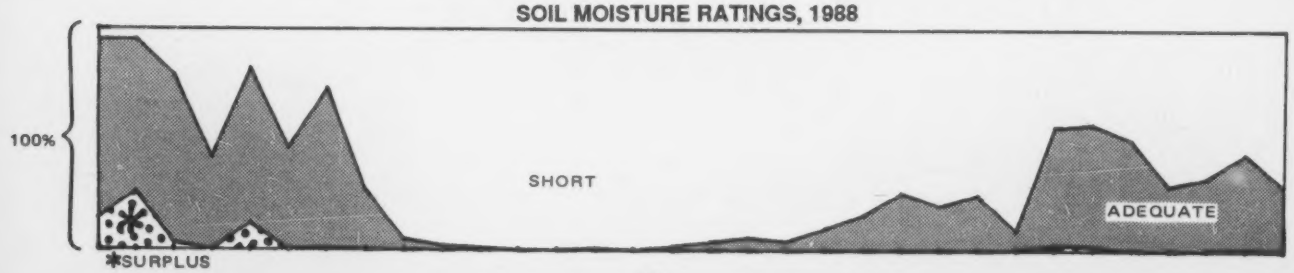


GROWING SEASON RAINFALL





SOIL MOISTURE RATINGS, 1988



MONTHLY AND ANNUAL PRECIPITATION: By Selected Stations and Districts, Wisconsin, 1988

Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
													Total	Change from normal
	Precipitation (inches)													
Northwest														
Amery	0.93	0.12	1.07	1.09	2.75	2.43	1.59	3.86	7.48	1.18	3.41	0.88	26.79	- 2.89
Spooner	0.81	0.06	1.24	0.62	1.42	2.74	0.90	4.92	5.17	0.91	2.68	0.63	22.10	- 7.58
Superior	1.48	0.09	1.20	0.57	2.70	3.61	0.72	6.96	6.43	0.66	1.76	1.17	27.35	- 2.33
District	1.06	0.14	1.67	0.84	1.96	2.03	1.90	4.78	5.24	1.15	3.18	1.02	24.97	- 4.71
Normal	0.99	0.77	1.65	0.84	3.65	4.39	4.20	4.58	3.54	2.23	1.67	1.17	29.68	
North Central														
Medford	1.10	0.26	2.26	1.84	1.78	1.60	2.18	4.59	3.62	1.22	3.09	1.40	24.94	- 6.95
Rhinelander 1/	-	0.24	1.50	-	1.19	2.32	-	4.11	3.78	1.83	1.30	1.01	-	-
Wausau 1/	-	0.12	1.78	1.74	2.04	1.78	4.86	3.70	3.38	1.72	3.67	1.09	-	-
District	1.05	0.32	1.89	1.18	1.65	1.91	2.90	4.96	3.45	1.89	3.54	1.39	26.13	- 5.76
Normal	1.08	0.90	1.72	2.48	3.64	4.16	4.04	4.56	3.80	2.30	1.89	1.32	31.89	
Northeast														
Brule Island	1.11	0.08	2.01	1.52	1.49	3.00	2.73	4.85	3.53	3.41	4.63	1.56	29.92	- 1.11
Marinette	2.03	0.57	2.05	1.01	0.77	0.74	3.21	3.17	1.72	2.79	6.59	1.44	26.09	- 4.94
Shawano	1.06	0.35	0.94	2.17	0.90	0.89	2.72	4.49	1.90	1.93	5.07	1.48	23.90	- 7.13
District	1.33	0.30	1.69	1.94	1.04	1.44	3.33	4.26	2.68	2.53	4.76	1.48	26.78	- 4.25
Normal	1.19	1.04	1.91	2.82	3.50	3.77	3.62	3.91	3.67	2.24	1.89	1.47	31.03	
West Central														
Blair	1.16	0.13	1.78	2.67	1.20	1.49	2.60	4.54	5.14	1.59	3.01	0.77	26.08	- 5.42
La Crosse	1.09	0.19	1.89	2.01	0.94	3.25	2.39	4.60	5.21	0.64	3.48	0.78	26.47	- 5.03
River Falls	1.08	0.11	0.79	1.52	2.26	0.46	2.88	4.48	6.34	0.81	1.65	0.39	22.77	- 8.73
District	1.23	0.21	1.46	2.10	1.78	1.89	2.10	4.12	5.42	0.97	3.06	0.86	25.20	- 6.30
Normal	0.91	0.80	1.91	2.90	3.88	4.42	4.03	4.11	3.58	2.25	1.61	1.10	31.50	
Central														
Hancock	1.38	0.33	1.36	1.85	0.98	1.16	5.49	4.01	4.82	1.94	3.28	0.73	27.33	- 3.64
Marshfield	1.12	0.19	1.45	1.89	3.15	1.15	2.35	3.72	3.17	1.42	3.53	0.63	23.77	- 7.20
Montello	2.63	0.42	2.56	3.20	0.92	0.87	4.06	6.99	5.69	2.01	3.14	0.96	33.45	+ 2.48
District	1.64	0.38	1.57	2.47	1.19	1.13	3.73	4.33	4.75	1.69	3.31	0.90	27.09	- 3.88
Normal	1.00	1.02	2.03	2.99	3.77	3.67	3.57	3.77	3.71	2.36	1.77	1.31	30.97	
East Central														
Green Bay	1.79	0.73	1.10	2.86	0.06	0.67	2.34	3.47	4.11	1.96	4.43	0.84	24.36	- 5.17
Oshkosh	1.40	0.29	1.00	3.17	0.77	0.66	2.35	5.52	5.10	2.13	3.77	1.02	27.18	- 2.35
Sheboygan	1.67	0.67	0.95	3.32	0.55	0.94	1.95	5.35	3.88	2.77	4.72	2.28	29.05	- 0.48
District	1.53	0.55	1.00	3.04	0.55	0.88	2.56	3.76	4.44	2.76	4.05	1.16	26.28	- 3.25
Normal	1.23	1.12	2.03	2.88	3.13	3.33	3.38	3.33	3.23	2.34	1.90	1.63	29.53	
Southwest														
Darlington	1.45	0.57	1.56	1.99	1.01	0.55	3.35	2.80	2.84	1.58	2.84	1.76	22.30	- 9.61
Hillsboro	1.46	0.26	1.31	1.62	0.85	2.07	1.75	3.40	5.19	0.74	2.51	0.80	21.96	- 9.95
Lancaster	1.01	0.23	1.29	1.16	0.87	0.42	1.80	2.92	3.96	1.27	1.74	0.91	17.58	-14.33
District	1.36	0.47	1.36	1.93	1.08	1.14	2.44	3.55	4.66	1.23	2.57	0.94	22.73	- 9.18
Normal	0.96	1.01	2.06	3.32	3.62	4.13	3.98	3.98	3.50	2.27	1.80	1.28	31.91	
South Central														
Beloit	2.42	0.38	2.08	3.75	0.96	0.65	1.37	2.73	2.25	1.65	3.89	1.81	23.94	- 7.90
Madison	1.82	0.46	1.20	2.65	0.92	2.06	2.44	2.95	3.33	1.60	3.58	1.56	24.57	- 7.27
Portage	2.20	0.53	1.54	3.43	1.01	0.83	2.38	5.64	4.58	1.88	2.59	1.21	27.82	- 4.02
District	1.90	0.43	1.25	3.33	1.01	1.45	1.85	3.57	4.18	1.94	3.40	1.77	26.08	- 5.76
Normal	1.16	1.03	2.14	3.33	3.21	3.93	3.93	3.84	3.44	2.37	1.92	1.54	31.84	
Southeast														
Kenosha	2.66	0.99	1.70	3.25	0.67	0.80	1.45	1.95	2.85	1.92	4.22	1.11	23.57	- 8.14
Milwaukee	3.25	1.29	1.30	4.12	0.50	0.70	1.53	3.25	4.94	2.97	5.15	1.43	30.43	- 1.28
West Bend	2.01	0.33	0.62	2.87	0.39	1.49	1.93	2.94	5.32	2.54	4.94	1.51	26.89	- 4.82
Distict	2.42	0.87	1.20	3.29	0.67	1.10	1.60	3.02	4.86	2.29	4.39	1.51	27.22	- 4.49
Normal	1.42	1.09	2.27	3.30	2.95	3.79	3.85	3.58	3.21	2.40	2.06	1.79	31.71	
State	1.37	0.35	1.53	1.96	1.36	1.56	2.53	4.23	4.38	1.73	3.51	1.20	25.71	- 5.62
Normal	1.07	0.94	1.90	3.01	3.55	4.03	3.89	4.09	3.57	2.29	1.81	1.35	31.33	

1/Data incomplete. Source: Climatological Data, U.S. Department of Commerce, NOAA, Environmental Data Service.

AVERAGE MONTHLY AND ANNUAL TEMPERATURE: By Selected Stations & Districts, Wisconsin, 1988

Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
													Average	Change from normal
	Temperature (degrees F.)													
Northwest														
Amery	7.2	10.3	30.4	44.2	62.1	70.4	73.9	72.0	59.9	41.5	30.9	16.8	43.3	+ 1.9
Spooner	8.3	10.5	30.2	45.5	61.7	69.3	74.1	70.8	60.1	42.1	32.6	16.5	43.5	+ 2.1
Superior	8.4	10.2	28.0	40.6	51.4	64.4	72.0	66.3	57.5	41.6	32.4	17.5	40.9	- 0.6
District	7.7	9.1	29.0	43.2	59.8	68.2	73.1	69.8	58.4	40.8	31.7	16.1	42.2	+ 0.8
Normal	9.1	14.7	26.3	42.3	54.3	63.3	68.5	66.3	57.2	47.0	31.1	16.8	41.4	
North Central														
Medford	6.3	7.8	27.8	43.3	59.4	67.1	71.9	70.1	57.6	39.4	32.2	15.1	41.5	+ 0.8
Rhinelander 1/	-	9.4	28.1	-	58.3	66.0	-	68.8	57.5	39.5	31.9	16.6	-	-
Wausau 1/	-	14.1	31.0	44.5	60.5	68.4	73.6	71.2	59.7	41.2	34.5	18.2	-	-
District	8.0	9.3	26.9	41.9	58.3	65.9	70.4	68.4	56.9	39.2	32.0	16.1	41.1	+ 0.4
Normal	9.9	14.3	25.3	41.1	53.5	62.3	67.0	64.8	56.0	46.2	30.7	16.9	40.7	
Northeast														
Brule Island	7.3	7.8	23.8	40.1	55.9	64.9	69.1	67.1	54.7	38.2	32.3	15.2	39.7	- 2.5
Marinette	14.5	16.5	31.7	44.6	61.4	71.4	74.0	71.2	60.8	41.7	35.1	20.2	45.3	+ 3.0
Shawano	9.1	12.7	29.8	43.8	59.3	68.5	72.3	71.5	59.9	41.7	35.8	18.7	43.6	+ 1.4
District	9.3	11.5	27.6	42.2	57.5	66.5	70.0	68.6	57.3	39.8	33.1	17.1	41.7	- 0.5
Normal	13.0	16.7	27.1	42.1	54.2	63.3	68.0	65.8	57.2	47.2	32.5	19.4	42.2	
West Central														
Blair	9.4	12.7	32.0	44.4	60.6	69.6	72.9	72.1	59.7	41.3	33.9	19.0	44.0	- 0.5
La Crosse	13.4	15.8	35.0	48.0	65.2	73.4	76.6	76.0	64.6	44.6	36.6	21.8	47.6	+ 3.1
River Falls	10.6	13.7	34.1	46.5	64.5	73.7	76.4	74.5	62.5	43.8	34.0	20.4	46.2	+ 1.7
District	10.6	13.8	33.2	46.2	62.5	71.1	74.8	73.6	61.8	43.1	35.0	20.7	45.5	+ 1.1
Normal	12.2	18.0	29.4	45.7	57.9	66.9	71.4	69.1	60.0	49.5	33.7	19.9	44.5	
Central														
Hancock	12.2	14.1	31.5	46.4	62.7	71.8	74.3	73.7	63.0	43.6	36.9	20.4	45.9	+ 1.9
Marshfield	12.2	14.2	30.8	46.3	60.5	69.4	74.2	73.2	60.8	42.7	34.7	19.2	44.9	+ 0.8
Montello	11.7	15.6	33.0	45.8	61.1	70.8	73.6	73.3	62.4	43.1	36.9	21.6	45.7	+ 1.7
District	12.4	15.1	32.1	46.0	61.3	70.6	74.2	73.3	61.5	42.8	36.2	20.7	45.5	+ 1.5
Normal	13.5	18.3	29.0	44.8	56.7	65.6	70.0	67.9	59.3	48.9	33.9	20.4	44.0	
East Central														
Green Bay	12.5	15.0	32.1	44.1	59.8	68.3	73.4	72.3	61.0	42.4	37.1	20.7	44.9	+ 0.1
Oshkosh	13.1	16.0	32.3	45.1	61.8	70.9	74.8	73.8	62.6	44.0	37.9	22.0	46.2	+ 1.4
Sheboygan	19.8	21.7	36.0	45.4	58.6	71.1	74.0	74.2	63.6	47.2	40.5	27.1	48.3	+ 3.5
District	15.9	17.4	32.9	44.7	58.7	69.2	73.4	72.6	61.8	44.4	38.0	23.2	46.0	+ 1.2
Normal	16.7	20.5	30.1	43.7	54.7	64.2	69.7	68.4	60.4	49.9	36.1	23.4	44.8	
Southwest														
Darlington	12.4	17.3	35.7	46.8	61.5	70.5	75.1	75.3	63.9	43.4	37.5	24.5	47.0	+ 0.8
Hillsboro	10.6	14.0	33.1	45.0	60.1	68.2	73.5	72.4	61.5	41.2	34.3	20.0	44.5	- 1.7
Lancaster	10.7	16.0	34.8	46.6	61.8	71.4	75.2	75.4	63.7	43.8	36.1	22.7	46.5	+ 0.4
District	12.2	16.3	34.9	46.9	62.1	70.9	75.0	74.6	63.3	43.5	36.6	22.8	46.6	+ 0.4
Normal	15.6	20.9	31.8	46.9	58.6	67.6	71.9	69.9	61.5	50.8	35.8	22.5	46.2	
South Central														
Beloit	14.7	19.5	36.2	47.9	62.3	72.4	76.4	76.4	65.4	45.6	39.7	25.7	48.5	+ 1.9
Madison	13.8	17.4	34.6	46.0	60.5	69.5	74.1	74.5	63.0	43.5	38.8	24.6	46.7	+ 0.1
Portage	12.9	16.3	33.9	47.3	61.8	70.8	74.5	74.3	62.4	43.1	37.6	22.9	46.5	- 0.1
District	12.6	17.0	34.5	46.6	61.3	70.5	74.2	74.1	62.8	43.3	37.8	23.6	46.5	- 0.1
Normal	16.8	21.6	32.1	47.0	58.5	67.6	71.9	69.9	61.9	51.2	36.6	23.5	46.6	
Southeast														
Kenosha	18.9	21.4	35.5	45.2	56.6	68.8	73.5	74.2	63.0	46.2	41.5	27.7	47.7	+ 0.9
Milwaukee	18.3	20.1	34.8	45.7	58.7	70.2	75.4	75.7	63.5	45.8	40.7	26.6	48.0	+ 1.2
West Bend	16.2	18.5	34.2	45.9	59.4	69.6	73.3	74.3	62.2	43.8	38.7	23.8	46.7	- 0.1
Distict	16.1	19.5	34.8	45.8	59.3	70.3	74.5	74.7	62.8	44.7	39.8	25.6	47.3	+ 0.6
Normal	18.6	23.0	32.6	45.9	56.8	66.4	71.4	70.0	62.4	51.5	37.6	25.0	46.8	
State	10.7	13.2	31.0	44.4	60.0	68.9	73.0	71.6	60.1	41.9	34.7	19.6	44.1	+ 0.6
Normal	12.9	17.7	28.5	43.9	55.8	64.8	69.6	67.5	58.9	48.6	33.5	19.9	43.5	

1/Data incomplete. Source: Climatological Data, U.S. Department of Commerce, NOAA, Environmental Data Service.

INDEX OF CROP PRODUCTION: By Major Groups and Selected Crops, Wisconsin, 1979-88 1/ (1977=100)

Crop group	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979
Main field crops	**56**	86	96	98	99	87	107	103	96	97
Hay	**41**	74	90	93	106	102	106	89	102	102
Oats	**26**	57	69	68	70	59	65	69	77	74
Corn, grain	**41**	104	115	113	109	70	114	119	110	100
Corn, silage	**85**	87	90	96	88	88	108	108	80	92
Other field crops	**119**	136	137	147	148	128	142	121	105	101
Soybeans	**133**	181	171	143	208	206	203	184	162	149
Potatoes	**111**	121	112	134	118	105	125	101	89	94
Tobacco	**29**	34	49	74	67	68	83	108	107	103
Vegetables	**89**	119	107	114	109	96	98	100	90	105
Green peas	**37**	79	78	110	88	75	101	86	105	121
Sweet corn	**96**	129	110	112	107	95	94	100	86	96
Snap beans	**121**	150	133	134	127	114	103	115	114	115
Fruit	**130**	137	125	126	122	116	132	109	122	104
Apples	**80**	116	104	107	95	104	107	105	116	96
Cherries	**73**	115	30	70	98	37	82	79	99	120
Cranberries	**170**	155	150	144	141	133	152	113	127	106
Miscellaneous	**55**	93	107	98	145	142	102	99	89	85
Total	**59**	89	98	100	101	89	108	104	96	97

1/Includes revisions.

FIELD CROPS: Production, Farm Use, Sales, and Value, Wisconsin, 1981-88 1/ 2/

Crop year	Production	Used on farms where produced	Sold	Sales as percent of production	Marketing year average 3/	Value	
						Production	Sales
	1,000 bushels			Percent	Dollars/bushel	1,000 dollars	
				CORN FOR GRAIN			
1988	**130,650**	**73,164**	**57,486**	**44.0**	**2.60**	**339,690**	**149,464**
1987	330,400	208,152	122,248	37.0	2.01	664,104	245,718
1986	365,800	223,138	142,662	39.0	1.46	534,068	208,287
1985	358,450	—	—	—	2.19	785,006	—
1984	344,500	189,475	155,025	45.0	2.58	888,810	399,965
1983	223,100	160,632	62,468	28.0	3.15	702,765	196,774
1982	361,800	187,800	174,000	48.1	2.69	973,242	468,060
1981	378,000	189,000	189,000	50.0	2.31	873,180	436,590
				SOYBEANS			
1988	**8,970**	**807**	**8,163**	**91.0**	**7.50**	**67,275**	**61,223**
1987	12,160	1,216	10,944	90.0	5.71	69,434	62,490
1986	11,520	196	11,324	98.3	4.57	52,646	51,751
1985	9,600	—	—	—	4.85	46,560	—
1984	13,950	209	13,741	98.5	5.70	79,515	78,324
1983	13,825	180	13,645	98.7	7.60	105,070	103,702
1982	13,640	208	13,432	98.5	5.63	76,793	75,622
1981	12,375	210	12,165	98.3	5.95	73,631	72,382
				WHEAT			
1988	**5,152**	**654**	**4,498**	**87.3**	**3.30**	**17,002**	**14,842**
1987	4,164	125	4,039	97.0	2.33	9,702	9,411
1986	8,040	322	7,718	96.0	2.34	18,813	18,060
1985	8,800	—	—	—	2.80	24,640	—
1984	9,640	357	9,283	96.3	3.25	31,330	30,170
1983	5,812	232	5,580	96.0	3.50	20,343	19,530
1982	5,596	201	5,395	96.4	3.10	17,348	16,725
1981	5,518	199	5,319	96.4	3.50	19,313	18,617

1/Includes revisions. 2/Disposition estimates were not made in 1985. 3/Marketing year for corn and soybeans, September-August; wheat, June-May.

FIELD CROPS: Production, Farm Use, Sales, and Value, Wisconsin, 1981-88 1/ 2/, Continued

Crop year	Production	Used on farms where produced	Sold	Sales as percent of production	Marketing year average 3/	Value	
						Production	Sales
	1,000 bushels			Percent	Dollars/bushel	1,000 dollars	
				OATS			
1988	**19,720**	**12,384**	**7,336**	**37.2**	**2.45**	**48,314**	**17,973**
1987	43,200	31,536	11,664	27.0	1.50	64,800	17,496
1986	52,700	38,471	14,229	27.0	1.13	59,551	16,079
1985	51,480	-	-	-	1.31	67,439	-
1984	53,320	44,256	9,064	17.0	1.64	87,445	14,865
1983	45,050	38,292	6,758	15.0	1.74	78,387	11,759
1982	49,290	40,418	8,872	18.0	1.62	79,850	14,373
1981	52,606	43,137	9,469	18.0	1.77	93,113	16,760
				RYE			
1988	**120**	**42**	**78**	**65.0**	**2.60**	**312**	**203**
1987	100	30	70	70.0	1.70	170	119
1986	168	64	104	62.0	1.55	260	161
1985	234	-	-	-	2.25	527	-
1984	216	76	140	65.0	2.20	475	308
1983	300	120	180	60.0	2.20	660	396
1982	300	120	180	60.1	2.30	690	414
1981	408	122	286	70.0	2.60	1,061	744
				HAY 4/			
1988	**4,925**	**4,359**	**566**	**11.5**	**114.00**	**561,450**	**64,524**
1987	8,880	8,170	710	8.0	53.50	475,080	37,985
1986	10,775	10,021	754	7.0	53.00	571,075	39,962
1985	11,120	-	-	-	73.50	817,320	-
1984	12,770	11,646	1,124	8.8	64.00	817,280	71,936
1983	12,200	11,346	854	7.0	77.00	939,400	65,758
1982	12,753	11,707	1,046	8.2	66.50	848,075	69,559
1981	10,725	9,663	1,062	9.9	66.00	707,850	70,092
				BARLEY			
1988	**2,550**	**2,007**	**543**	**21.3**	**2.30**	**5,865**	**1,249**
1987	4,752	4,134	618	13.0	1.55	7,366	958
1986	4,845	4,312	533	11.0	1.24	6,008	661
1985	3,074	-	-	-	1.55	4,765	-

1/Includes, revisions. 2/Disposition estimates were not made in 1985. 3/Marketing year for oats, rye, hay and barley, June-May. 4/Production, farm use, and sales in thousand tons; marketing year average price in dollars per ton.

POTATOES: Production, Utilization, Sales, and Value, Wisconsin, 1981-88

Crop year	Production	Total used for seed	Feed, seed, household use	Shrinkage and loss	Sold	Marketing year average	Value	
							Production	Sales
	1,000 cwt.					Dollars/cwt.	1,000 dollars	
1988 1/	**20,000**	**—**	**—**	**—**	**—**	**6.00**	**120,000**	**—**
1987*	21,908	1,054	195	1,773	19,940	3.85	84,346	76,769
1986*	20,125	1,161	262	1,408	18,455	4.60	92,575	84,893
1985	24,130	1,003	220	1,660	22,250	3.15	76,010	70,088
1984	21,350	1,170	171	918	20,261	4.80	102,480	97,253
1983	18,910	1,054	354	875	17,681	5.55	104,951	98,130
1982	22,575	1,071	294	880	21,401	4.10	92,558	87,744
1981	18,190	1,122	346	782	17,062	4.70	85,493	80,191

1/Utilization data for 1988 not available at time of publication. *Revised.

GRAIN STOCKS: Specified Crops By Storage Position
Wisconsin, January 1, April 1, 1980-89

Crop year	January 1			April 1		
	On farms	Off farms 1/	Total	On farms	Off farms 1/	Total
	1,000 bushels					
	CORN					
1989 2/	**175,000**	**59,881**	**234,881**	**125,000**	**52,469**	**177,469**
1988 2/	300,000	94,750	394,750	220,000	81,722	301,722
1987 2/	325,000	87,664	412,664	238,000	92,100	330,100
1986	265,253	46,468	311,721	193,563	43,537	237,100
1985	220,480	36,725	257,205	165,360	26,014	191,374
1984	196,328	44,412	240,740	129,398	31,297	160,695
1983	325,620	55,617	381,237	242,406	45,927	288,333
1982	272,160	43,975	316,135	219,240	38,379	257,619
1981	257,816	37,805	295,621	188,136	32,366	220,502
1980	250,620	39,378	289,998	177,654	34,422	212,076
	SOYBEANS					
1989 2/	**3,400**	**4,823**	**8,223**	**2,800**	**2,108**	**4,908**
1988 2/	6,000	7,220	13,220	4,600	4,783	9,383
1987 2/	7,000	4,725	11,725	4,000	4,677	8,677
1986	5,280	2,511	7,791	4,608	2,194	6,802
1985	7,673	2,105	9,778	6,138	1,346	7,484
1984	6,083	2,006	8,089	4,148	1,593	5,741
1983	7,775	1,692	9,467	6,820	1,401	8,221
1982	7,425	1,704	9,129	6,559	1,478	8,037
1981	5,445	3,899	9,344	4,792	3,099	7,891
1980	5,316	2,879	8,195	3,711	2,057	5,768
	WHEAT					
1989 2/	*	**12,377**	*	*	**12,534**	*
1988 2/	*	23,410	*	*	24,407	*
1987 2/	*	26,149	*	*	27,584	*
1986	1,144	20,942	22,086	*	27,098	*
1985	1,350	12,342	13,692	771	13,001	13,772
1984	872	10,703	11,575	407	16,644	17,051
1983	1,231	14,275	15,506	783	15,668	16,451
1982	828	17,153	17,981	717	19,352	20,069
1981	786	14,116	14,902	655	17,665	18,320
1980	800	8,323	9,123	605	12,822	13,427
	OATS					
1989	**3/**	**3/**	**3/**	**3/**	**3/**	**3/**
1988	3/	3/	3/	3/	3/	3/
1987	3/	3/	3/	3/	3/	3/
1986	35,521	2,462	37,983	3/	3/	3/
1985	37,857	2,510	40,367	27,193	1,743	28,936
1984	36,040	1,949	37,989	22,525	1,297	23,822
1983	36,968	1,382	38,350	23,659	1,405	25,064
1982	41,559	1,779	43,338	28,407	1,053	29,460
1981	50,519	2,202	52,721	30,546	2,679	33,225
1980	43,571	1,446	45,017	29,047	1,601	30,648
	BARLEY					
1989 2/	*	**15,837**	*	*	**15,065**	*
1988	3/	3/	3/	3/	3/	3/
1987	3/	3/	3/	3/	3/	3/
1986	2,306	24,019	26,325	3/	3/	3/
1985	1,537	15,827	17,364	1,193	16,380	17,573
1984	1,958	16,739	18,697	1,037	14,475	15,512
1983	2,150	11,314	13,464	1,720	11,676	13,396
1982	1,235	11,699	12,934	1,140	12,805	13,945
1981	1,074	17,778	18,852	844	17,188	18,032
1980	726	29,990	21,716	402	19,957	20,359

1/Includes stocks at mills, elevators, warehouses, terminals, processors. 2/Reference dates changed from January 1 to December 1, previous year, and from April 1 to March 1. 3/Quarterly on-farm and off-farm stocks are discontinued. *USDA's policy to not publish "minor" states separately.

GRAIN STOCKS: Specified Crops By Storage Position
Wisconsin, June 1, October 1, 1980-88

Crop year	June 1			October 1		
	On farms	Off farms 1/	Total	On farms	Off farms 1/	Total
	1,000 bushels					
	CORN					
1988 2/	**160,000**	**66,200**	**226,200**	**110,000**	**50,833**	**160,833**
1987 2/	168,000	72,800	240,800	120,000	64,700	184,700
1986 2/	136,211	46,652	182,863	105,000	41,319	146,319
1985	106,795	23,281	130,076	37,895	17,722	55,617
1984	82,547	18,000	100,547	20,079	8,487	28,566
1983	198,990	46,718	245,708	119,394	41,532	160,926
1982	192,780	27,237	220,017	86,940	20,252	107,192
1981	125,424	21,643	147,067	48,776	9,985	58,761
1980	136,413	25,543	161,956	47,586	13,438	61,024
	SOYBEANS 3/					
1988	**2,900**	**1,881**	**4,781**	**1,000**	**1,553**	**2,553**
1987	3,000	4,050	7,050	1,400	3,200	4,600
1986	2,784	2,063	4,847	1,250	1,542	2,792
1985	4,185	1,375	5,560	1,814	632	2,446
1984	2,212	1,164	3,376	926	594	1,520
1983	4,638	735	5,373	2,592	690	3,282
1982	4,331	1,087	5,418	1,238	442	1,680
1981	4,247	809	5,056	2,396	557	2,953
1980	2,407	1,435	3,842	502	807	1,309
	WHEAT					
1988 2/	*	**13,121**	*	*	**20,712**	*
1987 2/	*	23,800	*	*	30,000	*
1986 2/	*	23,933	*	*	30,680	*
1985	289	15,664	15,953	1,760	22,336	24,096
1984	291	11,198	11,489	2,024	24,518	26,542
1983	504	7,978	8,482	1,162	17,523	18,685
1982	662	12,281	12,943	1,455	16,268	17,723
1981	611	10,336	10,947	993	20,589	21,582
1980	346	9,250	9,596	1,310	20,764	22,074
	OATS					
1988	**9,300**	**1,338**	**10,638**	**4/**	**4/**	**4/**
1987	16,300	1,570	17,870	4/	4/	4/
1986	18,018	1,579	19,597	4/	4/	4/
1985	17,596	1,720	19,316	50,965	3,124	54,089
1984	16,218	905	17,123	50,654	3,057	53,711
1983	17,252	1,068	18,320	45,050	1,908	46,958
1982	17,886	1,071	18,957	40,418	2,103	42,521
1981	23,497	1,542	25,039	44,189	2,699	46,888
1980	20,110	1,637	21,747	53,456	2,814	56,270
	BARLEY					
1988 2/	*	**14,421**	*	*	**22,343**	*
1987	*	19,350	*	4/	4/	4/
1986	*	19,000	*	4/	4/	4/
1985	795	12,729	13,524	2,890	26,049	28,939
1984	691	10,508	11,199	1,590	19,350	20,940
1983	1,478	10,623	12,101	2,534	26,105	28,639
1982	1,045	10,405	11,450	2,688	12,117	14,805
1981	690	11,736	12,426	1,330	20,375	21,705
1980	337	19,024	19,361	1,227	19,937	21,164

1/Includes stocks at mills, elevators, warehouses, terminals, processors. 2/Reference dates changed from October 1 to September 1. 3/Soybean estimates are for September 1. 4/Quarterly on-farm and off-farm stocks are discontinued. *USDA's policy not to publish "minor" states separately.

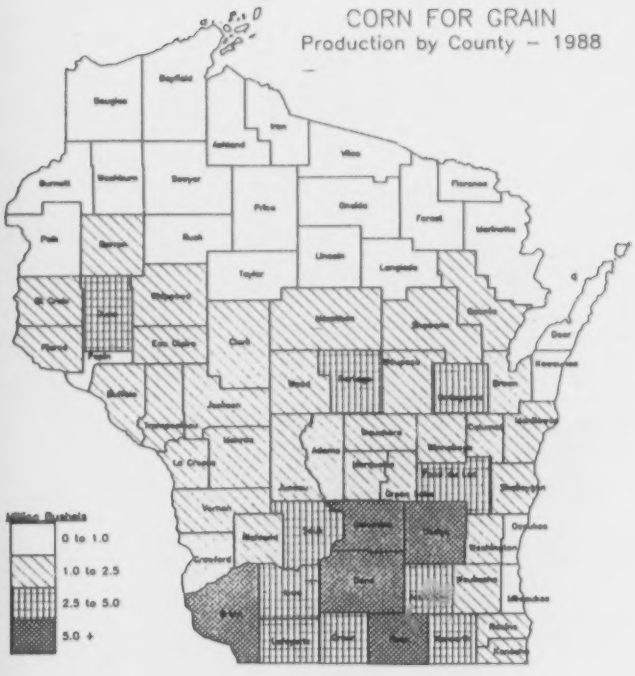
CORN FOR GRAIN: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88

County	1988					1987			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Barron	61,900	20,500	52.8	1,082,000	47 *	63,400	47,100	113.8	5,358,000
Bayfield	1,900	300	53.3	16,000	66	1,300	400	92.5	37,000
Burnett	12,200	5,100	45.7	233,000	57	13,600	10,800	95.0	1,026,000
Chippewa	66,300	21,500	57.3	1,231,000	39	69,400	50,500	121.0	6,110,000
Douglas	300	100	40.0	4,000	69	300	100	90.0	9,000
Polk	57,800	18,800	41.2	774,000	52	57,700	41,500	105.0	4,358,000
Rusk	17,600	3,900	59.2	231,000	58	14,700	8,500	109.3	929,000
Sawyer	4,200	1,200	57.5	69,000	62	4,200	2,700	92.6	250,000
Washburn	10,800	3,600	43.9	158,000	59	9,400	6,400	103.4	662,000
N.W. District	**233,000**	**75,000**	**50.6**	**3,798,000**		**234,000**	**168,000**	**111.5**	**18,739,000**
Ashland	1,900	400	61.3	24,500	64	1,900	700	97.1	68,000
Clark	74,600	24,600	52.6	1,295,000	38	78,300	47,000	121.2	5,696,000
Iron	600	100	45.0	4,500	68	650	250	93.2	23,300
Lincoln	5,400	1,300	64.6	84,000	60	6,000	2,600	109.6	285,000
Marathon	79,500	24,400	55.6	1,357,000	35	81,000	45,500	121.7	5,537,000
Oneida	100	-	-	-	-	100	-	-	-
Price	5,450	1,050	58.1	61,000	63	4,800	1,900	115.3	219,000
Taylor	20,400	6,100	52.3	319,000	56	20,200	11,000	111.7	1,229,000
Vilas	50	50	60.0	3,000	70	50	50	94.0	4,700
N.C. District	**188,000**	**58,000**	**54.3**	**3,148,000**		**193,000**	**109,000**	**119.8**	**13,062,000**
Florence	1,200	200	67.5	13,500	67	1,100	250	88.0	22,000
Forest	600	200	82.5	16,500	65	600	250	100.0	25,000
Langlade	9,200	3,300	99.7	329,000	55	9,400	4,700	104.9	493,000
Marinette	22,400	11,500	83.5	960,000	49	25,000	16,000	90.1	1,441,000
Oconto	46,300	26,000	83.8	2,179,000	22	56,500	39,500	95.5	3,771,000
Shawano	59,300	25,800	79.3	2,045,000	25	64,400	38,300	109.9	4,210,000
N.E. District	**139,000**	**67,000**	**82.7**	**5,543,000**		**157,000**	**99,000**	**100.6**	**9,962,000**
Buffalo	46,700	26,700	70.3	1,877,000	28	47,300	39,800	132.2	5,261,000
Dunn	76,100	44,100	60.0	2,646,000	14	77,500	67,200	125.4	8,424,000
Eau Claire	36,500	20,600	59.4	1,224,000	40	35,200	29,400	114.9	3,377,000
Jackson	34,900	20,200	59.4	1,199,000	41	36,200	30,400	118.4	3,600,000
La Crosse	31,000	19,600	77.8	1,524,000	33	33,500	28,800	131.7	3,793,000
Monroe	50,800	24,100	64.1	1,545,000	32	46,200	35,900	127.5	4,579,000
Pepin	22,600	12,500	58.5	731,000	53	22,100	18,300	122.0	2,232,000
Pierce	67,900	40,400	56.4	2,280,000	21	73,000	62,500	121.2	7,572,000
St. Croix	80,100	43,000	54.5	2,345,000	20	78,300	64,700	120.6	7,803,000
Trempealeau	66,400	35,800	68.0	2,436,000	18	64,700	53,000	126.6	6,708,000
W.C. District	**513,000**	**287,000**	**62.0**	**17,807,000**		**514,000**	**430,000**	**124.1**	**53,349,000**
Adams	20,100	16,100	67.2	1,082,000	47 *	23,900	21,500	99.9	2,147,000
Green Lake	43,500	32,700	75.9	2,482,000	16	44,100	37,600	113.7	4,275,000
Juneau	39,000	27,400	62.2	1,704,000	31	39,800	34,500	114.5	3,950,000
Marquette	27,800	17,600	65.3	1,149,000	44	29,000	23,000	98.0	2,253,000
Portage	46,200	32,200	88.9	2,861,000	11	48,700	41,400	113.8	4,710,000
Waupaca	59,700	32,400	74.1	2,400,000	19	59,600	42,000	108.5	4,559,000
Waushara	31,900	26,900	78.2	2,103,000	23	37,500	34,600	113.3	3,919,000
Wood	37,800	16,700	66.9	1,117,000	46	36,400	23,400	113.1	2,647,000
C. District	**306,000**	**202,000**	**73.8**	**14,898,000**		**319,000**	**258,000**	**110.3**	**28,460,000**
Brown	55,900	21,400	71.2	1,523,000	34	53,300	31,200	121.7	3,798,000
Calumet	39,700	15,600	72.6	1,133,000	45	37,500	22,500	125.2	2,818,000
Door	17,500	6,700	64.2	430,000	54	16,800	9,700	105.3	1,021,000
Fond du Lac	91,400	55,900	78.4	4,382,000	7	98,900	75,900	123.4	9,367,000
Kewaunee	33,800	12,400	71.5	886,000	50	30,500	17,300	113.0	1,955,000
Manitowoc	63,400	29,000	69.6	2,018,000	26	62,300	41,300	118.4	4,889,000
Outagamie	94,600	51,300	81.5	4,181,000	8	99,000	70,600	122.0	8,614,000
Sheboygan	58,100	30,400	81.5	2,478,000	17	60,200	42,100	118.3	4,981,000
Winnebago	50,600	32,300	62.1	2,007,000	27	56,500	45,400	114.8	5,214,000
E.C. District	**505,000**	**255,000**	**74.7**	**19,038,000**		**515,000**	**356,000**	**119.8**	**42,657,000**

CORN FOR GRAIN: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88, Continued

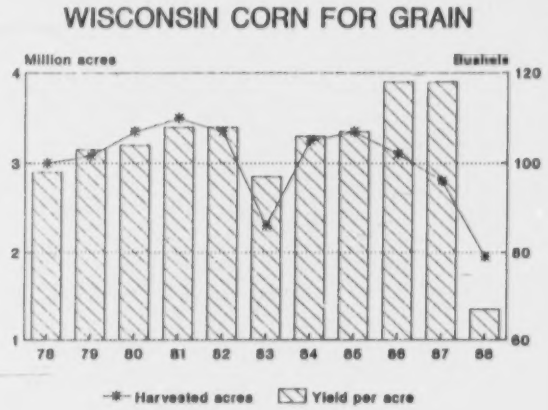
County	1988					1987			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Crawford	33,000	20,500	56.7	1,163,000	43	36,600	31,800	116.5	3,705,000
Grant	139,500	93,700	60.4	5,658,000	5	156,800	140,400	130.5	18,327,000
Iowa	80,000	42,700	61.3	2,618,000	15	80,000	66,400	121.4	8,061,000
Lafayette	110,300	69,400	58.3	4,047,000	9	113,400	99,400	128.3	12,751,000
Richland	44,900	21,800	59.7	1,302,000	37	41,900	32,300	117.4	3,793,000
Sauk	91,500	49,400	68.2	3,371,000	10	92,800	75,200	108.8	8,179,000
Vernon	52,800	24,500	74.3	1,820,000	29	50,500	39,500	125.9	4,973,000
S.W. District	**552,000**	**322,000**	**62.0**	**19,979,000**		**572,000**	**485,000**	**123.3**	**59,789,000**
Columbia	113,700	84,000	72.7	6,104,000	3	124,200	109,900	116.7	12,821,000
Dane	186,200	134,700	68.7	9,259,000	1	203,900	180,600	119.2	21,527,000
Dodge	135,400	77,500	77.9	6,039,000	4	133,900	102,200	120.0	12,266,000
Green	89,000	48,900	56.1	2,742,000	13	87,800	72,500	116.6	8,450,000
Jefferson	77,700	46,500	61.4	2,856,000	12	77,500	62,600	112.6	7,049,000
Rock	136,000	102,400	75.1	7,688,000	2	146,700	134,200	114.3	15,334,000
S.C. District	**738,000**	**494,000**	**70.2**	**34,688,000**		**774,000**	**662,000**	**117.0**	**77,447,000**
Kenosha	35,300	24,000	56.2	1,349,000	36	36,400	31,400	122.3	3,839,000
Milwaukee	1,600	1,400	50.0	70,000	61	1,600	1,500	96.0	144,000
Ozaukee	20,000	13,200	61.8	816,000	51	19,700	16,600	112.5	1,868,000
Racine	41,300	28,500	71.8	2,046,000	24	39,700	33,700	123.8	4,172,000
Walworth	91,400	70,800	64.5	4,567,000	6	91,600	82,200	107.2	8,815,000
Washington	40,100	19,500	59.7	1,165,000	42	35,000	25,300	118.9	3,008,000
Waukesha	46,300	32,600	53.3	1,738,000	30	48,000	42,300	120.3	5,089,000
S.E. District	**276,000**	**190,000**	**61.8**	**11,751,000**		**272,000**	**233,000**	**115.6**	**26,935,000**
State	**3,450,000**	**1,950,000**	**67.0**	**130,650,000**		**3,550,000**	**2,800,000**	**118.0**	**330,400,000**

*Tied.



CORN: All Corn Acreage Planted, and Acreage, Yield, and Production of Corn for Grain Wisconsin, 1981-88

Year	All corn acres planted	Corn for grain		
		Acres harvested	Yield per acre	Production
	1,000		Bushels	1,000 bushels
1988	**3,450**	**1,950**	**67.0**	**130,650**
1987	3,550	2,800	118.0	330,400
1986	3,900	3,100	118.0	365,800
1985	4,300	3,350	107.0	358,450
1984	4,150	3,250	106.0	344,500
1983	3,190	2,300	97.0	223,100
1982	4,400	3,350	108.0	361,800
1981	4,520	3,500	108.0	378,000



CORN FOR SILAGE: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88

County	1988					1987			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Barron	61,900	40,200	5.4	216,900	16	63,400	16,000	14.3	229,500
Bayfield	1,900	1,500	5.6	8,400	64	1,300	900	12.1	10,900
Burnett	12,200	6,600	4.6	30,600	58	13,600	2,700	10.5	28,300
Chippewa	66,300	43,600	5.1	221,600	15	69,400	18,400	12.1	221,900
Douglas	300	200	4.5	900	68	300	200	11.5	2,300
Polk	57,800	37,900	4.8	180,300	26	57,700	15,800	12.6	199,800
Rusk	17,600	13,500	6.4	86,100	44	14,700	6,000	12.1	72,700
Sawyer	4,200	2,900	6.6	19,000	62	4,200	1,300	13.2	17,200
Washburn	10,800	6,600	4.0	26,200	60	9,400	2,700	10.5	28,400
N.W. District	**233,000**	**153,000**	**5.2**	**790,000**		**234,000**	**64,000**	**12.7**	**811,000**
Ashland	1,900	1,400	6.4	9,000	63	1,900	1,100	12.3	13,500
Clark	74,600	48,600	6.7	328,000	5	78,300	31,000	13.7	425,400
Iron	600	500	5.2	2,600	67	650	400	9.8	3,900
Lincoln	5,400	4,000	8.0	32,000	57	6,000	3,300	14.5	47,800
Marathon	79,500	53,300	7.2	383,000	3	81,000	35,200	15.1	531,400
Oneida	100	100	8.0	800	70	100	100	9.0	900
Price	5,450	4,100	7.0	28,600	59	4,800	2,800	11.5	32,300
Taylor	20,400	14,000	6.6	92,000	41	20,200	9,100	11.6	105,800
Vilas	50	-	-	-	-	50	-	-	-
N.C. District	**188,000**	**126,000**	**7.0**	**876,000**		**193,000**	**83,000**	**14.0**	**1,161,000**
Florence	1,200	800	8.4	6,700	65	1,100	700	9.0	6,300
Forest	600	400	9.0	3,600	66	600	300	11.7	3,500
Langlade	9,200	5,600	10.0	55,900	53	9,400	4,600	14.5	66,600
Marinette	22,400	10,800	8.8	95,400	40	25,000	8,700	11.8	102,400
Oconto	46,300	20,000	8.5	169,600	30	56,500	16,300	12.7	206,300
Shawano	59,300	32,400	7.8	252,800	12	64,400	25,400	12.2	309,900
N.E. District	**139,000**	**70,000**	**8.3**	**584,000**		**157,000**	**56,000**	**12.4**	**695,000**
Buffalo	46,700	19,700	7.4	145,800	33	47,300	7,400	18.4	136,200
Dunn	76,100	29,900	6.0	178,600	27	77,500	10,100	15.7	158,200
Eau Claire	36,500	14,800	4.9	72,100	49	35,200	5,600	12.9	72,300
Jackson	34,900	14,300	6.2	88,100	42	36,200	5,600	16.4	91,800
La Crosse	31,000	11,000	9.0	98,500	39	33,500	4,400	19.4	85,300
Monroe	50,800	26,000	6.4	166,300	31	46,200	10,000	15.5	154,900
Pepin	22,600	9,900	5.3	52,200	54	22,100	3,700	12.4	45,800
Pierce	67,900	27,200	7.1	193,800	24	73,000	10,300	17.3	178,000
St. Croix	80,100	36,100	5.5	197,100	22	78,300	13,400	13.9	185,800
Trempealeau	66,400	30,100	6.6	199,500	19	84,700	11,500	14.9	171,700
W.C. District	**513,000**	**219,000**	**6.4**	**1,392,000**		**514,000**	**82,000**	**15.6**	**1,280,000**
Adams	20,100	3,800	6.3	23,800	61	23,900	2,200	12.6	27,800
Green Lake	43,500	10,200	7.6	77,300	46	44,100	6,200	13.5	83,400
Juneau	39,000	11,000	7.1	78,000	45	39,800	5,000	13.4	67,200
Marquette	27,800	9,700	7.4	71,300	50	29,000	5,800	12.4	72,200
Portage	46,200	12,200	7.1	86,800	43	48,700	7,100	13.8	98,200
Waupaca	59,700	26,900	7.4	199,500	19	59,600	17,300	12.9	223,100
Waushara	31,900	4,600	7.1	32,800	56	37,500	2,600	11.9	31,000
Wood	37,800	20,600	6.7	138,500	35	36,400	12,800	13.1	167,100
C. District	**306,000**	**99,000**	**7.2**	**708,000**		**319,000**	**59,000**	**13.1**	**770,000**
Brown	55,900	34,100	7.5	255,400	11	53,300	21,600	13.2	284,500
Calumet	39,700	23,700	7.2	171,000	29	37,500	14,800	15.3	226,100
Door	17,500	10,700	7.0	74,600	47	16,800	6,800	13.1	89,100
Fond du Lac	91,400	34,800	8.2	285,600	9	98,900	22,500	14.3	322,800
Kewaunee	33,800	21,000	8.7	182,400	25	30,500	13,100	16.0	209,400
Manitowoc	63,400	33,400	8.7	291,800	7	62,300	20,700	15.1	312,700
Outagamie	94,600	42,400	9.3	394,100	2	99,000	27,900	16.1	449,000
Sheboygan	58,100	27,200	9.4	256,300	10	60,200	17,900	13.7	244,900
Winnebago	50,600	17,700	7.4	131,800	36	56,500	10,700	12.8	136,500
E.C. District	**505,000**	**245,000**	**8.3**	**2,043,000**		**515,000**	**156,000**	**14.6**	**2,275,000**

CORN FOR SILAGE: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88, Continued

County	1988					1987			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Crawford	33,000	12,200	5.5	67,100	51	36,600	4,500	16.0	72,200
Grant	139,500	44,800	6.8	304,000	6	156,800	15,800	16.6	261,900
Iowa	80,000	36,100	5.5	197,400	21	80,000	13,200	15.4	202,800
Lafayette	110,300	38,400	5.9	225,600	13	113,400	13,500	14.8	199,800
Richland	44,900	22,400	7.1	158,500	32	41,900	9,300	14.6	136,000
Sauk	91,500	41,400	7.0	289,800	8	92,800	17,100	12.5	214,300
Vernon	52,800	27,700	7.1	196,600	23	50,500	10,600	15.2	161,000
S.W. District	**552,000**	**223,000**	**6.5**	**1,439,000**		**572,000**	**84,000**	**14.9**	**1,248,000**
Columbia	113,700	28,600	7.8	223,300	14	124,200	13,700	13.6	186,100
Dane	186,200	50,200	7.2	362,800	4	203,900	22,400	15.0	336,600
Dodge	135,400	57,100	7.7	437,200	1	133,900	31,100	13.5	419,500
Green	89,000	37,200	5.7	213,600	17	87,800	14,800	14.5	215,000
Jefferson	77,700	30,400	6.7	204,800	18	77,500	14,300	13.6	194,500
Rock	136,000	29,500	6.0	177,300	28	146,700	11,700	13.4	157,300
S.C. District	**738,000**	**233,000**	**6.9**	**1,619,000**		**774,000**	**108,000**	**14.0**	**1,509,000**
Kenosha	35,300	10,300	6.0	61,800	52	36,400	4,900	12.1	59,500
Milwaukee	1,600	200	4.5	900	68 *	1,600	100	9.0	900
Ozaukee	20,000	6,700	6.4	42,600	55	19,700	3,000	10.7	32,200
Racine	41,300	12,300	8.3	102,000	38	39,700	5,900	14.0	82,800
Walworth	91,400	20,000	6.5	130,700	37	91,600	9,100	10.8	98,600
Washington	40,100	19,900	7.1	141,800	34	35,000	9,500	13.6	129,200
Waukesha	46,300	12,600	5.9	74,200	48	48,000	5,500	12.3	67,800
S.E. District	**276,000**	**82,000**	**6.8**	**554,000**		**272,000**	**38,000**	**12.4**	**471,000**
State	**3,450,000**	**1,450,000**	**6.9**	**10,005,000**		**3,550,000**	**730,000**	**14.0**	**10,220,000**

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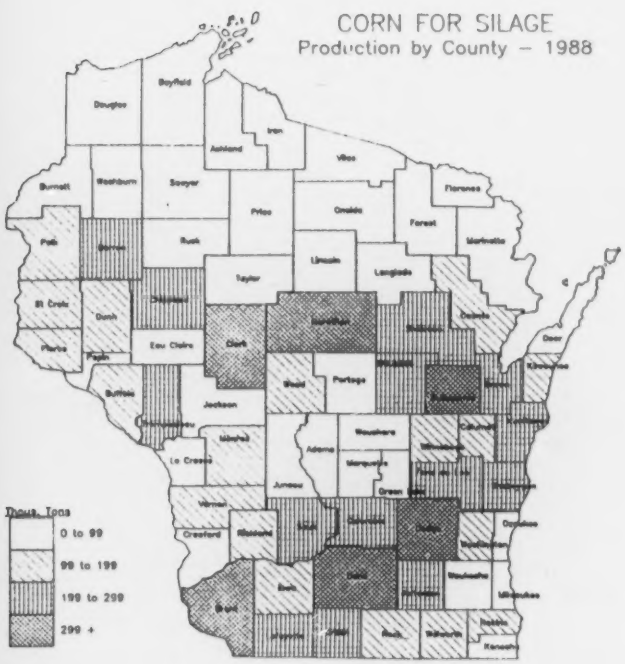
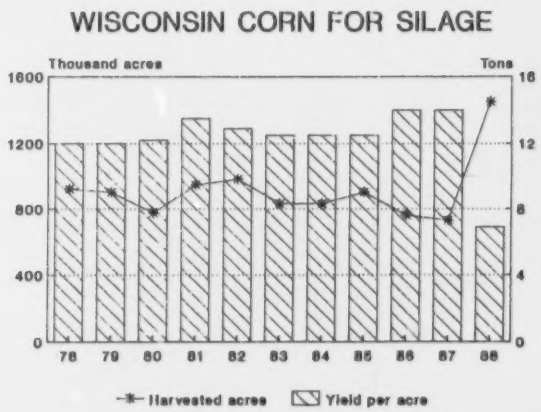


CORN FOR SILAGE: Acreage, Yield, and Production Wisconsin, 1981-88

Year	Acres harvested	Yield per acre	Production
	1,000	Tons	1,000 tons
1988	**1,450**	**6.9**	**10,005**
1987	730	14.0	10,220
1986	760	14.0	10,640
1985	900	12.5	11,250
1984	830	12.5	10,375
1983	830	12.5	10,375
1982	980	12.9	12,642
1981	944	13.5	12,744



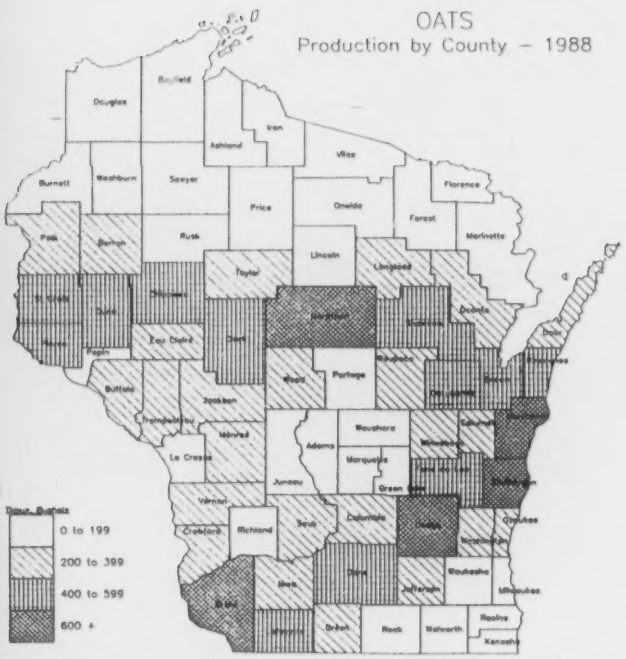
OATS: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88

County	1988					1987			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Barron	22,100	12,000	32.8	394,000	18	27,200	16,700	51.3	856,000
Bayfield	2,700	1,600	33.8	54,000	57	3,500	2,300	42.3	97,400
Burnett	3,700	1,500	26.0	39,000	60	4,900	2,200	39.6	87,200
Chippewa	27,400	15,400	29.4	452,000	16	34,500	21,400	49.3	1,055,000
Douglas	1,200	700	27.1	19,000	65	1,400	900	38.9	35,000
Polk	18,200	9,900	27.4	271,000	34	22,900	13,800	44.9	619,000
Rusk	8,400	4,400	29.3	129,000	48	10,000	6,000	48.7	292,000
Sawyer	2,000	900	25.6	23,000	64	2,300	1,400	54.6	76,400
Washburn	3,300	1,600	30.6	49,000	58 *	4,300	2,300	48.7	112,000
N.W. District	**89,000**	**48,000**	**29.8**	**1,430,000**		**111,000**	**67,000**	**48.2**	**3,230,000**
Ashland	1,900	1,000	34.0	34,000	62	2,400	1,500	51.1	76,600
Clark	36,000	20,900	28.0	585,000	8	43,600	28,100	55.3	1,555,000
Iron	700	400	30.0	12,000	68 *	800	600	59.0	35,400
Lincoln	7,600	4,800	27.5	132,000	47	9,100	6,600	50.0	330,000
Marathon	48,000	29,500	30.0	885,000	2	60,000	41,000	58.9	2,415,000
Oneida	500	300	26.7	8,000	70	900	500	50.0	25,000
Price	4,100	2,400	31.7	76,000	54	4,900	3,500	50.3	176,000
Taylor	15,600	9,300	31.8	296,000	30	19,500	12,600	53.8	678,000
Vilas	600	400	30.0	12,000	68 *	800	600	48.3	29,000
N.C. District	**115,000**	**69,000**	**29.6**	**2,040,000**		**142,000**	**95,000**	**56.0**	**5,320,000**
Florence	200	100	30.0	3,000	71	300	200	55.5	11,100
Forest	1,200	500	26.0	13,000	67	1,200	800	53.6	42,900
Langlade	14,300	8,800	32.2	283,000	32	17,700	11,500	57.2	658,000
Marinette	9,400	4,400	25.7	113,000	50	10,000	6,600	47.4	313,000
Oconto	17,000	7,900	28.1	222,000	39	18,100	11,800	50.6	597,000
Shawano	25,900	14,300	31.2	446,000	17	28,700	20,100	56.1	1,128,000
N.E. District	**68,000**	**36,000**	**30.0**	**1,080,000**		**76,000**	**51,000**	**53.9**	**2,750,000**
Buffalo	13,700	6,900	38.8	268,000	35	16,300	9,100	52.7	480,000
Dunn	26,000	15,000	32.5	488,000	12	30,800	19,600	48.5	950,000
Eau Claire	18,500	11,300	30.4	344,000	26	22,400	14,500	47.6	690,000
Jackson	14,400	7,800	36.2	282,000	33	15,900	10,600	52.2	553,000
La Crosse	8,300	4,400	41.1	181,000	43	10,800	5,700	56.3	321,000
Monroe	17,800	9,700	36.8	357,000	23	22,000	12,700	51.6	655,000
Pepin	8,500	5,100	39.0	199,000	42	10,100	6,500	49.5	322,000
Pierce	21,900	14,000	36.1	505,000	11	27,000	17,400	49.7	865,000
St. Croix	29,400	19,000	30.8	586,000	7	37,800	23,800	48.5	1,155,000
Trempealeau	19,500	10,800	35.2	380,000	19	23,900	14,100	50.3	709,000
W.C. District	**178,000**	**104,000**	**34.5**	**3,590,000**		**217,000**	**134,000**	**50.0**	**6,700,000**
Adams	3,100	1,000	32.0	32,000	63	4,000	1,500	40.0	60,000
Green Lake	9,400	4,600	33.7	155,000	44 *	12,600	6,200	52.4	325,000
Juneau	8,000	3,700	29.2	108,000	52	10,500	5,100	48.0	245,000
Marquette	5,500	2,200	25.0	55,000	56	7,500	3,300	40.9	135,000
Portage	11,200	4,700	27.0	127,000	49	17,000	6,700	44.2	296,000
Waupaca	17,700	7,500	30.1	226,000	38	22,700	11,100	48.6	540,000
Waushara	5,300	1,700	28.8	49,000	58 *	6,800	2,400	41.3	99,000
Wood	12,800	6,600	31.5	208,000	40	16,900	8,700	47.1	410,000
C. District	**73,000**	**32,000**	**30.0**	**960,000**		**98,000**	**45,000**	**46.9**	**2,110,000**
Brown	28,200	15,400	30.6	471,000	13	33,400	21,400	56.8	1,215,000
Calumet	17,800	9,900	33.7	334,000	27	21,200	13,700	58.0	795,000
Door	23,300	13,700	25.8	353,000	24	26,800	18,700	50.4	942,000
Fond du Lac	28,900	16,500	33.9	560,000	9	41,500	22,800	57.7	1,315,000
Kewaunee	27,800	16,600	35.6	591,000	6	34,100	22,500	61.8	1,390,000
Manitowoc	33,500	20,100	36.5	734,000	3	41,300	27,400	62.6	1,715,000
Outagamie	26,900	13,600	34.3	467,000	14	32,000	19,500	56.7	1,105,000
Sheboygan	26,100	16,100	38.1	613,000	5	33,300	22,300	63.9	1,425,000
Winnebago	15,500	8,100	31.7	257,000	36	19,400	11,700	51.1	598,000
E.C. District	**228,000**	**130,000**	**33.7**	**4,380,000**		**283,000**	**180,000**	**58.3**	**10,500,000**

OATS: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88, Continued

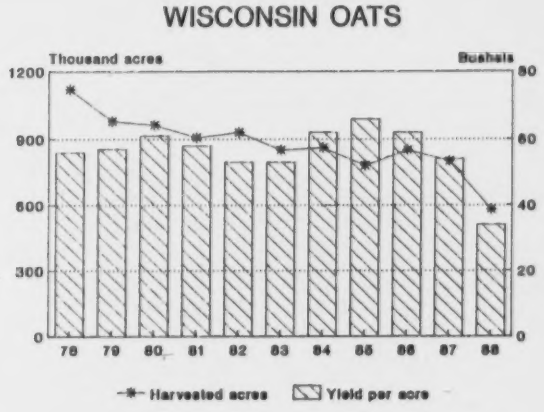
County	1988					1987			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Crawford	13,300	7,200	39.6	285,000	31	15,800	10,200	57.7	589,000
Grant	41,400	24,300	44.1	1,071,000	1	50,700	34,000	61.5	2,090,000
Iowa	20,000	10,000	37.7	377,000	20	23,800	14,700	54.4	800,000
Lafayette	19,800	11,100	41.9	465,000	15	24,200	15,600	57.9	903,000
Richland	8,500	4,400	34.5	152,000	46	10,600	6,200	51.8	321,000
Sauk	20,100	10,200	33.9	346,000	25	24,900	15,000	51.3	769,000
Vernon	15,900	7,800	41.5	324,000	28	21,000	11,300	55.6	628,000
S.W. District	**139,000**	**75,000**	**40.3**	**3,020,000**		**171,000**	**107,000**	**57.0**	**6,100,000**
Columbia	13,900	7,700	38.7	298,000	29	17,400	11,200	52.3	586,000
Dane	23,500	12,300	41.2	507,000	10	29,900	17,800	56.2	1,000,000
Dodge	30,800	17,300	41.7	721,000	4	39,500	25,100	57.0	1,430,000
Green	20,700	10,400	36.2	376,000	21	26,000	15,800	51.0	806,000
Jefferson	12,400	6,700	36.3	243,000	37	16,400	10,000	52.0	520,000
Rock	11,700	4,600	33.7	155,000	44*	13,800	7,100	50.4	358,000
S.C. District	**113,000**	**59,000**	**39.0**	**2,300,000**		**143,000**	**87,000**	**54.0**	**4,700,000**
Kenosha	2,500	1,100	32.7	36,000	61	3,100	1,300	55.0	71,500
Milwaukee	800	500	34.0	17,000	66	800	600	47.5	28,500
Ozaukee	9,300	5,600	37.0	207,000	41	11,300	6,900	50.7	350,000
Racine	3,500	2,000	35.5	71,000	55	4,300	2,600	50.4	131,000
Walworth	6,500	3,400	32.4	110,000	51	9,200	4,400	52.3	230,000
Washington	17,900	10,700	34.8	372,000	22	22,100	13,500	55.6	750,000
Waukesha	6,500	3,700	28.9	107,000	53	8,200	4,700	48.7	229,000
S.E. District	**47,000**	**27,000**	**34.1**	**920,000**		**59,000**	**34,000**	**52.6**	**1,790,000**
State	**1,050,000**	**580,000**	**34.0**	**19,720,000**		**1,300,000**	**800,000**	**54.0**	**43,200,000**

*Tied.



OATS: Acreage, Yield, and Production Wisconsin, 1981-88

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1988	**1,050**	**580**	**34.0**	**19,720**
1987	1,300	800	54.0	43,200
1986	1,200	850	62.0	52,700
1985	950	780	66.0	51,480
1984	1,040	860	62.0	53,320
1983	1,140	850	53.0	45,050
1982	1,180	930	53.0	49,290
1981	1,120	907	58.0	52,606



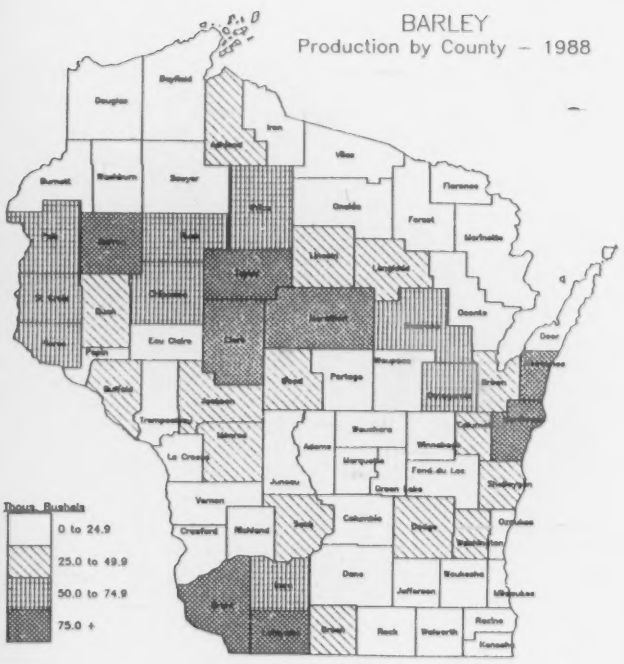
BARLEY: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88

County	1988					1987 1/			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Barron	5,300	3,900	34.4	134,000	4	5,900	4,500	48.2	217,000
Bayfield	650	500	32.0	16,000	42	600	500	45.0	22,500
Burnett	300	200	30.0	6,000	56 *	300	200	42.5	8,500
Chippewa	2,600	1,600	34.4	55,000	15	2,400	1,600	50.3	80,400
Douglas	-	-	-	-	-	-	-	-	-
Polk	2,500	1,800	29.4	53,000	17	2,600	2,000	46.8	93,500
Rusk	2,900	1,800	34.4	62,000	12 *	3,000	2,100	49.5	104,000
Sawyer	250	200	30.0	6,000	56 *	200	200	42.5	8,500
Washburn	800	500	36.0	18,000	40	500	400	39.0	15,600
N.W. District	**15,300**	**10,500**	**33.3**	**350,000**		**15,500**	**11,500**	**47.8**	**550,000**
Ashland	1,400	1,200	35.4	42,500	20	1,600	1,400	54.6	76,500
Clark	7,100	5,300	32.5	172,000	2	7,000	5,700	59.6	340,000
Iron	50	-	-	-	-	-	-	-	-
Lincoln	1,700	1,400	32.1	45,000	18 *	1,900	1,600	57.5	92,000
Marathon	8,600	6,600	33.3	220,000	1	8,300	7,200	57.1	411,000
Oneida	-	-	-	-	-	100	100	55.0	5,500
Price	1,500	1,400	41.6	58,300	14	1,600	1,400	55.0	77,000
Taylor	3,800	3,000	31.3	94,000	7	3,500	3,100	54.2	168,000
Vilas	150	100	32.0	3,200	65	-	-	-	-
N.C. District	**24,300**	**19,000**	**33.4**	**635,000**		**24,000**	**20,500**	**57.1**	**1,170,000**
Florence	250	200	30.0	6,000	56 *	250	200	57.5	11,500
Forest	350	300	28.7	8,600	52	350	300	56.7	17,000
Langlade	1,200	800	33.9	27,100	30	1,100	900	66.7	60,000
Marinette	700	600	32.5	19,500	39	900	700	57.9	40,500
Oconto	1,000	600	28.5	17,100	41	900	700	58.6	41,000
Shawano	2,600	2,000	33.4	66,700	11	2,500	2,200	63.6	140,000
N.E. District	**6,100**	**4,500**	**32.2**	**145,000**		**6,000**	**5,000**	**62.0**	**310,000**
Buffalo	1,400	1,000	40.5	40,500	22	1,700	1,200	49.2	59,000
Dunn	1,400	1,200	37.5	45,000	18 *	1,600	1,500	47.3	71,000
Eau Claire	900	700	32.9	23,000	34 *	1,100	900	44.1	39,700
Jackson	1,500	1,200	29.2	35,000	24 *	1,500	1,300	50.8	66,000
La Crosse	250	200	37.5	7,500	53 *	300	200	48.0	9,600
Monroe	1,000	800	33.8	27,000	31 *	1,000	900	51.1	46,000
Pepin	350	200	35.0	7,000	55	300	200	48.5	9,700
Pierce	2,700	2,200	33.6	74,000	9	3,300	2,700	48.1	130,000
St. Croix	2,200	1,800	34.4	62,000	12 *	2,200	2,000	46.0	92,000
Trempealeau	900	700	34.3	24,000	33	1,100	900	52.2	47,000
W.C. District	**12,600**	**10,000**	**34.5**	**345,000**		**14,100**	**11,800**	**48.3**	**570,000**
Adams	150	100	35.0	3,500	62 *	100	100	58.0	5,800
Green Lake	250	200	37.5	7,500	53 *	300	250	64.0	16,000
Juneau	400	300	33.3	10,000	50 *	450	400	60.5	24,200
Marquette	150	100	35.0	3,500	62 *	250	200	57.5	11,500
Portage	650	500	28.0	14,000	45	800	650	56.2	36,500
Waupaca	550	400	36.3	14,500	44	700	500	62.0	31,000
Waushara	50	-	-	-	-	-	-	-	-
Wood	1,100	900	35.6	32,000	28	1,500	1,100	51.8	57,000
C. District	**3,300**	**2,500**	**34.0**	**85,000**		**4,100**	**3,200**	**56.9**	**182,000**
Brown	1,200	1,000	33.0	33,000	27	1,300	1,100	57.3	63,000
Calumet	1,300	1,000	27.0	27,000	31 *	1,500	1,300	50.0	65,000
Door	1,200	900	25.6	23,000	34 *	1,200	1,000	51.0	51,000
Fond du Lac	900	700	28.6	20,000	37 *	1,200	900	53.3	48,000
Kewaunee	3,600	2,700	37.8	102,000	5 *	4,100	3,500	62.9	220,000
Manitowoc	3,800	3,000	34.0	102,000	5 *	4,500	3,700	54.1	200,000
Outagamie	1,900	1,400	38.6	54,000	16	2,500	1,800	58.9	106,000
Sheboygan	1,400	1,100	37.3	41,000	21	1,900	1,500	63.3	95,000
Winnebago	800	500	26.0	13,000	46 *	1,100	700	45.7	32,000
E.C. District	**16,100**	**12,300**	**33.7**	**415,000**		**19,300**	**15,500**	**56.8**	**880,000**

BARLEY: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88, Continued

County	1988					1987 1/			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Crawford	400	300	40.0	12,000	48	400	300	56.7	17,000
Grant	4,700	3,700	42.2	156,000	3	5,800	4,700	57.7	271,000
Iowa	3,200	2,400	28.3	68,000	10	3,800	3,000	46.7	140,000
Lafayette	3,900	2,600	35.8	93,000	8	4,500	3,200	51.6	165,000
Richland	400	300	33.3	10,000	50*	600	400	50.0	20,000
Sauk	1,600	1,200	30.0	36,000	23	1,900	1,500	47.3	71,000
Vernon	1,100	700	28.6	20,000	37*	1,000	900	45.6	41,000
S.W. District	**15,300**	**11,200**	**35.3**	**395,000**		**18,000**	**14,000**	**51.8**	**725,000**
Columbia	650	350	37.1	13,000	46*	1,000	500	58.0	29,000
Dane	650	500	42.0	21,000	36	700	500	57.0	28,500
Dodge	1,300	1,000	35.0	35,000	24*	2,400	1,600	56.9	91,000
Green	1,350	1,000	35.0	35,000	24*	1,500	1,300	55.4	72,000
Jefferson	450	300	36.7	11,000	49	600	400	58.8	23,500
Rock	300	150	33.3	5,000	59	300	200	55.0	11,000
S.C. District	**4,700**	**3,300**	**36.4**	**120,000**		**6,500**	**4,500**	**56.7**	**255,000**
Kenosha	150	100	37.0	3,700	60*	200	150	53.3	8,000
Milwaukee	-	-	-	-	-	-	-	-	-
Ozaukee	550	400	38.3	15,300	43	450	400	55.0	22,000
Racine	150	100	34.0	3,400	64	200	150	57.3	8,600
Walworth	150	100	37.0	3,700	60*	200	100	56.0	5,600
Washington	1,100	900	34.3	30,900	29	1,300	1,100	55.0	60,500
Waukesha	200	100	30.0	3,000	66	150	100	53.0	5,300
S.E. District	**2,300**	**1,700**	**35.3**	**60,000**		**2,500**	**2,000**	**55.0**	**110,000**
State	**100,000**	**75,000**	**34.0**	**2,550,000**		**110,000**	**88,000**	**54.0**	**4,752,000**

*Tied. 1/Revised.



BARLEY: Acreage, Yield, and Production Wisconsin, 1981-88

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1988	**100**	**75**	**34.0**	**2,550**
1987	110	88	54.0	4,752
1986	95	85	57.0	4,845
1985	57	53	58.0	3,074
1984	55	50	53.0	2,650
1983	53	48	48.0	2,304
1982	51	48	56.0	2,688
1981	40	38	50.0	1,900

RYE: Acreage, Yield, and Production Wisconsin, 1981-88

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1988	**40**	**6**	**20.0**	**120**
1987	25	5	20.0	100
1986	20	6	28.0	168
1985	30	9	26.0	234
1984	30	8	27.0	216
1983	25	10	30.0	300
1982	40	10	30.0	300
1981	44	17	24.0	408

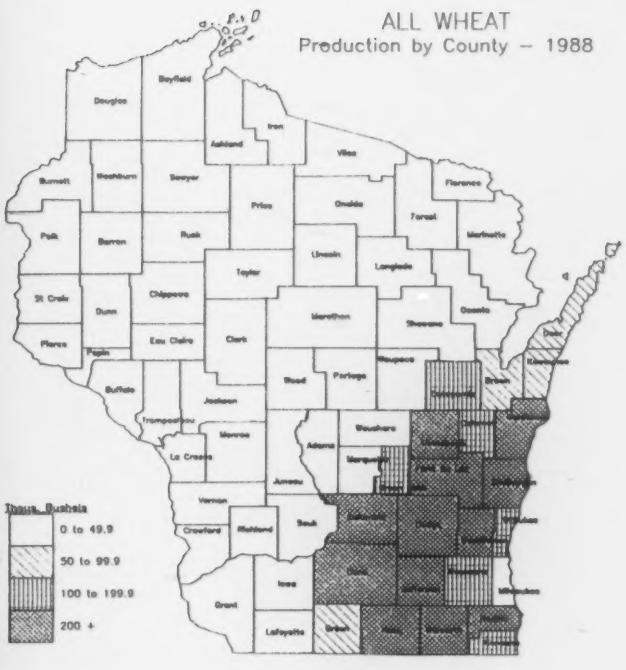
ALL WHEAT: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88

County	1988					1987			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Barron	980	900	30.7	27,600	30	2,250	1,900	33.6	63,900
Bayfield	250	200	23.5	4,700	51 *	400	350	27.1	9,500
Burnett	100	100	30.0	3,000	63 *	150	100	23.0	2,300
Chippewa	150	150	34.0	5,100	50	200	150	25.3	3,800
Douglas	50	50	34.0	1,700	65 *	-	-	-	-
Polk	830	550	32.4	17,800	36	1,050	850	30.9	26,300
Rusk	50	50	34.0	1,700	65 *	50	50	24.0	1,200
Sawyer	-	-	-	-	-	-	-	-	-
Washburn	390	300	27.3	8,200	41	100	100	20.0	2,000
N. W. District	**2,800**	**2,300**	**30.3**	**69,800**		**4,200**	**3,500**	**31.1**	**109,000**
Ashland	100	100	30.0	3,000	63 *	50	50	40.0	2,000
Clark	350	350	33.7	11,800	39	650	550	28.0	15,400
Iron	-	-	-	-	-	-	-	-	-
Lincoln	100	100	36.0	3,600	60 *	150	100	33.0	3,300
Marathon	650	550	34.0	18,700	34	1,150	1,050	39.0	40,900
Oneida	-	-	-	-	-	-	-	-	-
Price	100	50	16.0	800	67	-	-	-	-
Taylor	150	150	30.0	4,500	53	100	100	31.0	3,100
Vilas	100	100	36.0	3,600	60 *	100	100	33.0	3,300
N. C. District	**1,550**	**1,400**	**32.9**	**46,000**		**2,200**	**1,950**	**34.9**	**68,000**
Florence	-	-	-	-	-	-	-	-	-
Forest	150	100	36.0	3,600	60 *	100	100	33.0	3,300
Langlade	300	250	30.8	7,700	42 *	500	400	30.8	12,300
Marinette	1,200	1,150	33.7	38,800	26	1,000	800	40.6	32,500
Oconto	1,550	1,400	30.6	42,900	24	1,750	1,500	35.1	52,700
Shawano	700	600	35.5	21,300	33	550	500	34.4	17,200
N. E. District	**3,900**	**3,500**	**32.7**	**114,300**		**3,900**	**3,300**	**35.8**	**118,000**
Buffalo	300	300	25.7	7,700	42 *	300	250	24.8	6,200
Dunn	300	250	28.0	7,000	44	350	300	27.7	8,300
Eau Claire	1,450	1,400	34.6	48,400	23	-	-	-	-
Jackson	100	100	41.0	4,100	55	-	-	-	-
La Crosse	100	100	37.0	3,700	57 *	-	-	-	-
Monroe	150	100	37.0	3,700	57 *	-	-	-	-
Pepin	150	100	37.0	3,700	57 *	150	150	27.3	4,100
Pierce	950	850	29.3	24,900	31	1,200	1,000	27.2	27,200
St. Croix	1,250	1,200	34.1	40,900	25	1,750	1,400	26.6	37,200
Trempealeau	250	200	32.0	6,400	46 *	450	400	29.0	11,600
W. C. Dist 1/	**5,000**	**4,600**	**32.7**	**150,500**		**5,600**	**4,700**	**29.1**	**137,000**
Adams	250	200	32.0	6,400	46 *	300	300	33.0	9,900
Green Lake	2,900	2,650	46.3	122,600	17	1,850	1,600	51.4	82,200
Juneau	230	150	41.3	6,200	49	350	300	34.0	10,200
Marquette	200	150	42.0	6,300	48	150	100	43.0	4,300
Portage	350	300	36.7	11,000	40	150	150	39.3	5,900
Waupaca	830	700	43.3	30,300	28	800	500	39.0	19,500
Waushara	500	400	38.3	15,300	38	550	250	45.6	11,400
Wood	240	150	31.3	4,700	51 *	150	100	36.0	3,600
C. District	**5,500**	**4,700**	**43.1**	**202,800**		**4,300**	**3,300**	**44.5**	**147,000**
Brown	3,000	2,850	34.9	99,500	19	2,000	1,800	46.9	84,400
Calumet	5,350	4,500	36.3	163,300	14	3,000	2,400	58.9	141,400
Door	3,200	2,800	32.4	90,800	20	2,000	1,800	40.8	73,400
Fond du Lac	10,250	9,300	42.2	392,600	1	6,250	4,650	54.6	253,700
Kewaunee	2,300	2,150	38.6	83,000	21	1,450	1,200	48.7	58,400
Manitowoc	6,350	5,900	38.1	224,500	9	4,100	3,300	50.9	168,000
Outagamie	4,200	3,850	40.1	154,500	15	2,900	2,100	47.1	99,000
Sheboygan	8,900	8,250	36.3	299,200	4	5,700	4,650	50.0	232,600
Winnebago	7,650	7,000	36.7	256,600	8	6,100	4,000	43.5	174,100
E. C. District	**51,200**	**46,600**	**37.9**	**1,764,000**		**33,500**	**25,900**	**49.6**	**1,285,000**

ALL WHEAT: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88, Continued

County	1988					1987			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Crawford	100	100	40.0	4,000	56	100	100	49.0	4,900
Grant	500	450	48.4	21,800	32	350	250	47.6	11,900
Iowa	510	450	36.9	16,600	37	600	300	48.7	14,600
Lafayette	480	450	40.0	18,000	35	600	450	44.2	19,900
Richland	200	200	33.5	6,700	45	150	100	42.0	4,200
Sauk	960	750	38.1	28,600	29	550	450	44.7	20,100
Vernon	100	100	44.0	4,400	54	150	100	44.0	4,400
S. W. District	**2,850**	**2,500**	**40.0**	**100,100**		**2,500**	**1,750**	**45.7**	**80,000**
Columbia	7,300	6,450	44.7	288,400	5	5,650	4,550	50.1	227,800
Dane	8,250	7,300	45.8	334,600	3	6,000	4,900	57.9	283,500
Dodge	9,600	8,850	43.5	385,100	2	7,950	5,550	55.6	308,600
Green	1,800	1,550	35.5	55,100	22	1,000	800	69.9	55,900
Jefferson	8,750	7,000	39.8	278,500	6	6,200	4,650	48.7	226,400
Rock	7,400	5,250	41.0	215,400	11	6,000	3,850	46.2	177,800
S. C. District	**43,100**	**36,400**	**42.8**	**1,557,100**		**32,800**	**24,300**	**52.7**	**1,280,000**
Kenosha	5,350	5,150	35.0	180,100	13	4,050	3,050	51.5	157,100
Milwaukee	800	700	44.3	31,000	27	500	400	40.0	16,000
Ozaukee	4,300	3,800	35.3	134,100	16	3,500	2,700	45.1	121,800
Racine	7,100	6,700	38.8	259,900	7	6,000	4,750	49.9	237,000
Walworth	6,990	5,650	39.5	223,300	10	5,050	3,350	50.9	170,600
Washington	5,870	5,550	36.8	204,300	12	3,950	3,050	46.7	142,300
Waukesha	3,690	3,450	33.2	114,700	18	2,950	2,000	47.6	95,200
S. E. District	**34,100**	**31,000**	**37.0**	**1,147,400**		**26,000**	**19,300**	**48.7**	**940,000**
State	**150,000**	**133,000**	**38.7**	**5,152,000**		**115,000**	**88,000**	**47.3**	**4,164,000**

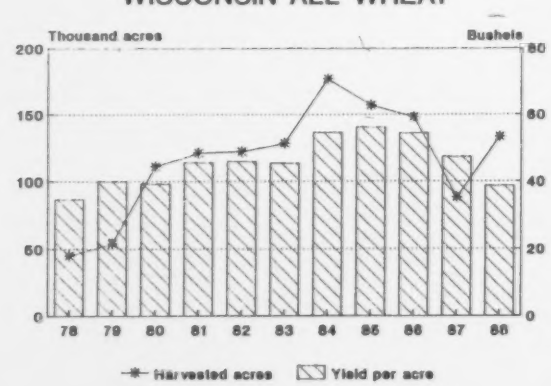
*Tied. 1/Includes data to prevent disclosure of individual operations at the county level for 1987.



SPRING WHEAT: Acreage, Yield, and Production Wisconsin, 1981-88

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1988	**10**	**8**	**19.0**	**152**
1987	30	28	33.0	924
1986	20	18	35.0	630
1985	20	17	40.0	680
1984	20	17	40.0	680
1983	28	23	29.0	667
1982	30	28	32.0	896
1981	30	28	31.0	868

WISCONSIN ALL WHEAT



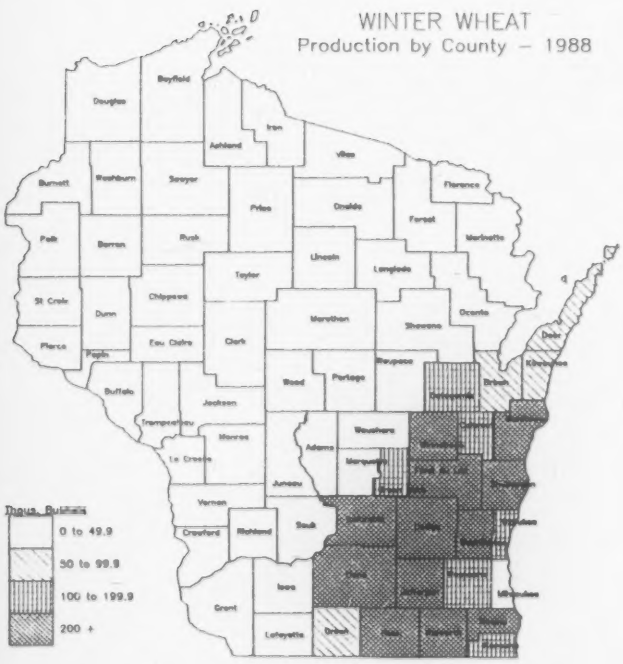
WINTER WHEAT: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88

County	1988					1987			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Barron	700	650	34.5	22,400	30	1,300	1,000	41.4	41,400
Bayfield	100	100	29.0	2,900	63	200	150	36.7	5,500
Burnett	100	100	30.0	3,000	61	100	50	26.0	1,300
Chippewa	150	150	34.0	5,100	48	200	150	25.3	3,800
Douglas	50	50	34.0	1,700	65	-	-	-	-
Polk	650	400	35.8	14,300	37	600	450	33.3	15,000
Rusk	50	50	34.0	1,700	65	-	-	-	-
Sawyer	-	-	-	-	-	-	-	-	-
Washburn	100	100	29.0	2,900	63	-	-	-	-
N. W. District	**1,900**	**1,600**	**33.8**	**54,000**		**2,400**	**1,800**	**37.2**	**67,000**
Ashland	100	100	30.0	3,000	61	50	50	40.0	2,000
Clark	300	300	36.0	10,800	39	200	150	46.7	7,000
Iron	-	-	-	-	-	-	-	-	-
Lincoln	100	100	36.0	3,600	56	100	50	40.0	2,000
Marathon	600	500	34.8	17,400	34	350	300	53.3	16,000
Oneida	-	-	-	-	-	-	-	-	-
Price	-	-	-	-	-	-	-	-	-
Taylor	100	100	36.0	3,600	56	50	50	40.0	2,000
Vilas	100	100	36.0	3,600	56	50	50	40.0	2,000
N. C. District	**1,300**	**1,200**	**35.0**	**42,000**		**800**	**650**	**47.7**	**31,000**
Florence	-	-	-	-	-	-	-	-	-
Forest	150	100	36.0	3,600	56	50	50	38.0	1,900
Langlade	250	200	33.5	6,700	41	150	100	39.0	3,900
Marinette	1,150	1,100	34.6	38,100	24	700	500	47.0	23,500
Oconto	900	850	38.8	33,000	26	700	500	44.4	22,200
Shawano	650	550	37.5	20,600	32	300	250	42.0	10,500
N. E. District	**3,100**	**2,800**	**36.4**	**102,000**		**1,900**	**1,400**	**44.3**	**62,000**
Buffalo	100	100	36.0	3,600	56	50	50	38.0	1,900
Dunn	200	150	36.0	5,400	47	150	100	43.0	4,300
Eau Claire	1,350	1,300	35.9	46,700	23	-	-	-	-
Jackson	100	100	41.0	4,100	50	-	-	-	-
La Crosse	100	100	37.0	3,700	53	-	-	-	-
Monroe	150	100	37.0	3,700	53	-	-	-	-
Pepin	150	100	37.0	3,700	53	100	50	38.0	1,900
Pierce	650	600	34.2	20,500	33	500	350	41.4	14,500
St. Croix	900	900	38.9	35,000	25	750	500	36.4	18,200
Trempealeau	200	150	37.3	5,600	46	150	100	36.0	3,600
W. C. Dist 1/	**3,900**	**3,600**	**36.7**	**132,000**		**2,600**	**1,900**	**40.5**	**77,000**
Adams	200	150	38.0	5,700	45	100	100	46.0	4,600
Green Lake	2,850	2,600	46.9	122,000	17	1,400	1,200	59.2	71,000
Juneau	200	150	41.3	6,200	44	100	100	44.0	4,400
Marquette	200	150	42.0	6,300	43	150	100	43.0	4,300
Portage	300	250	40.4	10,100	40	100	100	43.0	4,300
Waupaca	800	700	43.3	30,300	28	650	350	40.0	14,000
Waushara	500	400	38.3	15,300	36	500	200	51.0	10,200
Wood	150	100	41.0	4,100	50	100	50	44.0	2,200
C. District	**5,200**	**4,500**	**44.4**	**200,000**		**3,100**	**2,200**	**52.3**	**115,000**
Brown	2,700	2,600	36.5	95,000	19	1,200	1,000	51.6	51,600
Calumet	5,100	4,300	37.0	159,000	14	2,400	1,800	66.7	120,000
Door	2,800	2,600	33.6	87,400	20	1,300	1,100	48.2	53,000
Fond du Lac	9,900	9,000	42.9	386,000	1	5,300	3,800	58.4	222,000
Kewaunee	2,000	1,900	40.8	77,600	21	1,000	800	53.8	43,000
Manitowoc	6,000	5,600	39.1	219,000	10	3,100	2,300	54.3	125,000
Outagamie	3,900	3,600	40.8	147,000	15	2,300	1,500	52.9	79,400
Sheboygan	8,300	7,700	37.4	288,000	4	4,200	3,300	55.8	184,000
Winnebago	7,300	6,700	37.5	251,000	8	4,900	2,900	49.0	142,000
E. C. District	**48,000**	**44,000**	**38.9**	**1,710,000**		**25,700**	**18,500**	**55.1**	**1,020,000**

WINTER WHEAT: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88, Continued

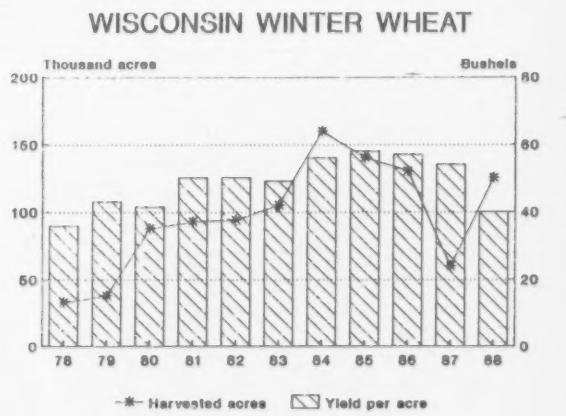
County	1988					1987			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Crawford	100	100	40.0	4,000	52	50	50	64.0	3,200
Grant	500	450	48.4	21,800	31	250	150	56.7	8,500
Iowa	400	350	38.6	13,500	38	450	150	56.0	8,400
Lafayette	400	400	42.5	17,000	35	300	200	55.0	11,000
Richland	200	200	33.5	6,700	41 *	100	50	52.0	2,600
Sauk	900	700	39.4	27,600	29	250	200	58.5	11,700
Vernon	100	100	44.0	4,400	49	100	50	52.0	2,600
S. W. District	**2,600**	**2,300**	**41.3**	**95,000**		**1,500**	**850**	**56.5**	**48,000**
Columbia	7,000	6,200	45.8	284,000	5	4,200	3,200	56.3	180,000
Dane	7,500	7,000	47.0	329,000	3	4,600	3,600	63.1	227,000
Dodge	9,300	8,600	44.3	381,000	2	6,600	4,300	60.5	260,000
Green	1,600	1,400	38.6	54,000	22	900	700	75.7	53,000
Jefferson	8,500	6,800	40.4	275,000	6	5,100	3,600	52.8	190,000
Rock	7,100	5,000	42.4	212,000	11	4,900	2,800	51.8	145,000
S. C. District	**41,000**	**35,000**	**43.9**	**1,535,000**		**26,300**	**18,200**	**58.0**	**1,055,000**
Kenosha	5,200	5,000	35.4	177,000	13	3,300	2,400	56.3	135,000
Milwaukee	800	700	44.3	31,000	27	400	300	41.7	12,500
Ozaukee	4,100	3,600	36.4	131,000	16	2,400	1,700	50.3	85,500
Racine	6,800	6,400	39.7	254,000	7	4,500	3,300	53.6	177,000
Walworth	6,800	5,500	40.2	221,000	9	4,200	2,600	55.8	145,000
Washington	5,700	5,400	37.4	202,000	12	3,400	2,600	49.2	128,000
Waukesha	3,600	3,400	33.5	114,000	18	2,500	1,600	51.3	82,000
S. E. District	**33,000**	**30,000**	**37.7**	**1,130,000**		**20,700**	**14,500**	**52.8**	**765,000**
State	**140,000**	**125,000**	**40.0**	**5,000,000**		**85,000**	**60,000**	**54.0**	**3,240,000**

*Tied. 1/Includes data to prevent disclosure of individual operations at the county level for 1987.



WINTER WHEAT: Acreage, Yield, and Production Wisconsin, 1981-88

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1988	**140**	**125**	**40.0**	**5,000**
1987	85	60	54.0	3,240
1986	140	130	57.0	7,410
1985	150	140	58.0	8,120
1984	170	160	56.0	8,960
1983	120	105	49.0	5,145
1982	100	94	50.0	4,700
1981	100	93	50.0	4,650



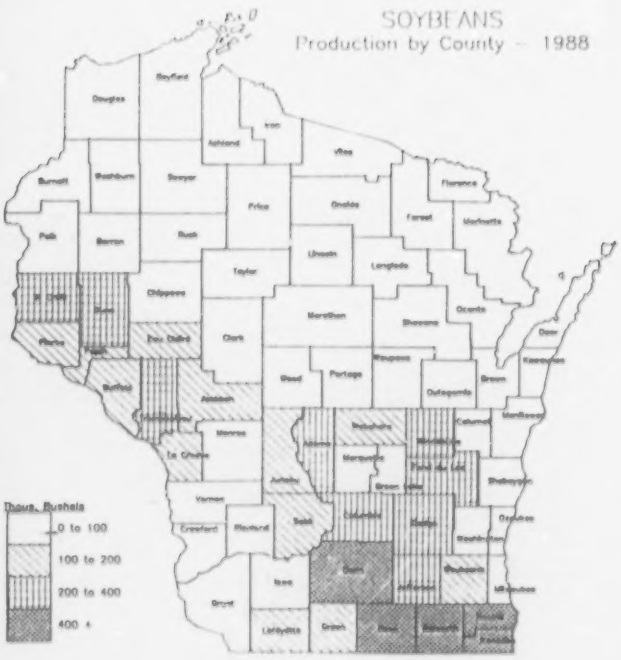
SOYBEANS: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88

County	1988					1987			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Barron	1,700	1,450	17.9	25,900	47	1,100	1,100	31.4	34,500
Bayfield	-	-	-	-	-	-	-	-	-
Burnett	2,050	1,850	16.8	31,100	44	1,500	1,450	31.4	45,500
Chippewa	8,000	6,300	15.3	96,400	28	5,200	5,050	32.7	165,000
Douglas	-	-	-	-	-	-	-	-	-
Polk	4,800	4,000	17.2	68,900	33	2,800	2,700	31.1	84,000
Rusk	50	50	12.0	600	62	50	50	30.0	1,500
Sawyer	200	150	14.0	2,100	59	-	-	-	-
Washburn	200	200	15.0	3,000	58	150	150	30.0	4,500
N.W. District	**17,000**	**14,000**	**16.3**	**228,000**		**10,800**	**10,500**	**31.9**	**335,000**
Ashland	-	-	-	-	-	-	-	-	-
Clark	1,100	750	17.5	13,100	52	300	300	36.7	11,000
Iron	-	-	-	-	-	-	-	-	-
Lincoln	150	150	14.0	2,100	59	300	300	33.3	10,000
Marathon	1,100	750	20.1	15,100	51	650	600	38.3	23,000
Oneida	-	-	-	-	-	-	-	-	-
Price	-	-	-	-	-	-	-	-	-
Taylor	50	50	14.0	700	61	-	-	-	-
Vilas	-	-	-	-	-	-	-	-	-
N.C. District	**2,400**	**1,700**	**18.2**	**31,000**		**1,250**	**1,200**	**36.7**	**44,000**
Florence	-	-	-	-	-	-	-	-	-
Forest	-	-	-	-	-	-	-	-	-
Langlade	1,150	1,100	33.5	36,900	41	500	500	37.0	18,500
Marinette	150	150	25.3	3,800	57	100	100	30.0	3,000
Oconto	400	350	22.3	7,800	55	100	100	30.0	3,000
Shawano	1,300	1,200	25.4	30,500	45	750	700	33.6	23,500
N.E. District	**3,000**	**2,800**	**28.2**	**79,000**		**1,450**	**1,400**	**34.3**	**48,000**
Buffalo	6,300	5,600	19.8	111,000	23	4,600	4,500	40.7	183,000
Dunn	15,000	13,800	18.8	260,000	9	12,100	11,700	36.8	431,000
Eau Claire	7,500	7,100	23.0	163,000	19	5,650	5,500	40.5	223,000
Jackson	6,100	5,500	18.9	104,000	26	4,000	3,900	37.4	146,000
La Crosse	5,300	5,000	21.8	109,000	24	4,400	4,300	39.8	171,000
Monroe	3,100	2,900	21.0	61,000	36	2,550	2,500	39.6	99,000
Pepin	6,300	5,800	18.4	107,000	25	5,000	4,900	36.9	181,000
Pierce	9,800	9,300	20.5	191,000	15	8,000	7,800	36.7	286,000
St. Croix	13,600	12,800	18.5	237,000	11	11,300	10,900	35.3	385,000
Trempealeau	14,000	13,200	22.7	299,000	8	11,400	11,000	39.1	430,000
W.C. District	**67,000**	**81,000**	**20.3**	**1,642,000**		**69,000**	**67,000**	**37.8**	**2,535,000**
Adams	9,500	8,700	23.7	206,000	13	4,750	4,500	34.2	154,000
Green Lake	3,500	3,200	24.7	79,000	29	2,700	2,600	38.1	99,000
Juneau	5,800	5,300	22.6	120,000	22	5,050	4,800	38.5	185,000
Marquette	1,800	1,700	21.8	37,000	40	1,650	1,600	41.3	66,000
Portage	1,500	1,400	21.4	30,000	46	1,450	1,400	32.9	46,000
Waupaca	2,600	2,500	21.6	54,000	38	2,600	2,500	31.6	79,000
Waushara	6,100	5,700	26.5	151,000	21	5,550	5,300	40.8	216,000
Wood	2,200	1,500	21.3	32,000	43	1,250	1,200	41.7	50,000
C. District	**33,000**	**30,000**	**23.6**	**709,000**		**25,000**	**23,900**	**37.4**	**895,000**
Brown	1,100	900	21.8	19,600	50	450	400	30.0	12,000
Calumet	3,900	3,300	22.1	73,000	31	2,250	2,200	34.5	76,000
Door	500	400	22.0	8,800	54	750	700	29.1	20,400
Fond du Lac	10,900	9,700	24.9	242,000	10	7,300	7,100	34.4	244,000
Kewaunee	300	300	22.7	6,800	56	450	400	32.8	13,100
Manitowoc	2,200	1,500	23.2	34,800	42	850	800	37.5	30,000
Outagamie	4,400	3,500	28.0	98,000	27	2,450	2,300	37.8	87,000
Sheboygan	1,800	1,400	27.9	39,000	39	1,400	1,200	36.3	43,500
Winnebago	10,900	10,000	21.9	219,000	12	8,100	7,900	32.5	257,000
E.C. District	**36,000**	**31,000**	**23.9**	**741,000**		**24,000**	**23,000**	**34.0**	**783,000**

SOYBEANS: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88, Continued

County	1988					1987			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Crawford	1,400	1,300	15.4	20,000	49	1,200	1,100	33.6	37,000
Grant	4,100	3,100	24.5	76,000	30	1,450	1,400	46.4	65,000
Iowa	3,100	3,000	20.5	61,500	35	2,800	2,700	40.7	110,000
Lafayette	9,300	7,500	22.0	165,000	18	5,100	5,000	46.0	230,000
Richland	1,200	1,100	22.7	25,000	48	1,050	1,000	45.0	45,000
Sauk	7,900	7,500	25.2	189,000	16	5,500	5,400	43.5	235,000
Vernon	600	500	23.0	11,500	53	400	400	45.0	18,000
S.W. District	**27,600**	**24,000**	**22.8**	**548,000**		**17,500**	**17,000**	**43.5**	**740,000**
Columbia	14,700	13,900	27.1	377,000	6	11,500	11,200	38.8	435,000
Dane	18,600	17,100	25.7	440,000	4	14,500	14,000	41.4	580,000
Dodge	8,700	8,200	25.0	205,000	14	7,000	6,700	36.1	242,000
Green	10,000	7,300	21.4	156,000	20	5,700	5,400	36.7	198,000
Jefferson	17,700	16,500	21.8	360,000	7	15,300	14,900	35.2	525,000
Rock	49,300	46,000	24.9	1,146,000	1	42,000	40,800	39.5	1,610,000
S.C. District	**119,000**	**109,000**	**24.6**	**2,684,000**		**96,000**	**93,000**	**38.6**	**3,590,000**
Kenosha	20,900	19,000	22.7	431,000	5	17,300	16,800	39.6	665,000
Milwaukee	4,000	3,700	17.6	65,000	34	3,450	3,300	31.8	105,000
Ozaukee	3,000	2,800	20.4	57,000	37	2,600	2,500	34.8	87,000
Racine	31,500	30,000	26.3	790,000	2	25,800	25,300	39.5	1,000,000
Walworth	31,900	29,400	24.6	724,000	3	25,500	25,000	39.2	980,000
Washington	3,700	3,100	22.6	70,000	32	2,700	2,600	40.4	105,000
Waukesha	10,000	8,500	20.1	171,000	17	7,650	7,500	33.1	248,000
S.E. District	**105,000**	**96,500**	**23.9**	**2,308,000**		**85,000**	**83,000**	**38.4**	**3,190,000**
State	**430,000**	**390,000**	**23.0**	**8,970,000**		**330,000**	**320,000**	**38.0**	**12,160,000**

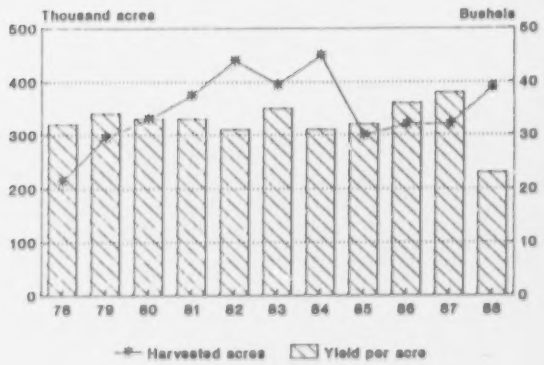
*Tied.



SOYBEANS FOR BEANS
Acreage, Yield, and Production, Wisconsin, 1981-88

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1988	**430**	**390**	**23.0**	**8,970**
1987	330	320	38.0	12,160
1986	330	320	36.0	11,520
1985	350	300	32.0	9,600
1984	480	450	31.0	13,950
1983	400	395	35.0	13,825
1982	460	440	31.0	13,640
1981	380	375	33.0	12,375

WISCONSIN SOYBEANS



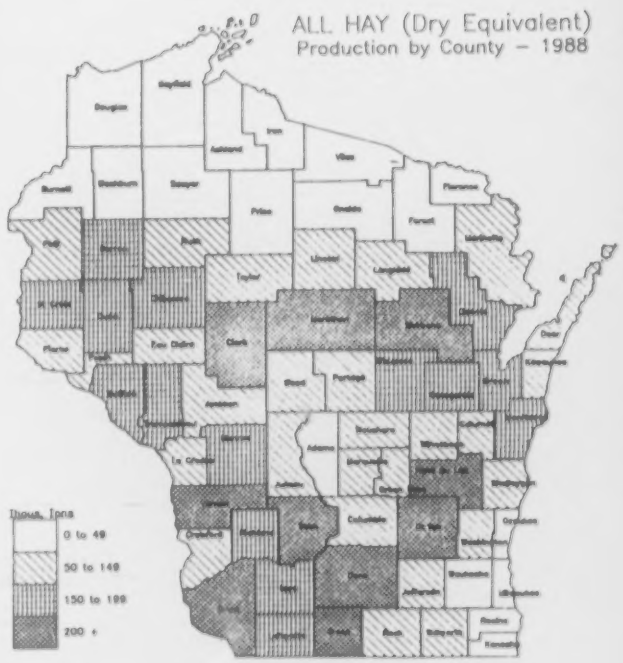
ALL HAY: Acreage, Yield, and Production (Dry Equivalent), By Counties, Wisconsin, 1987-88 1/

County	1988				1987		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Tons			Acres	Tons	
Barron	98,800	1.8	176,600	20	85,800	4.1	355,500
Bayfield	29,400	1.2	35,300	58	23,700	2.5	58,600
Burnett	27,000	1.3	36,400	57	23,300	2.7	62,500
Chippewa	102,100	1.8	179,900	19	88,200	4.1	359,800
Douglas	26,700	1.2	31,500	60	21,600	2.0	43,900
Polk	82,900	1.5	128,000	31	70,600	3.5	249,400
Rusk	45,800	1.4	65,500	46	37,300	3.2	120,800
Sawyer	11,000	1.0	11,200	65	9,300	2.4	22,100
Washburn	22,300	1.3	28,300	62	18,700	2.5	47,300
N. W. District	**446,000**	**1.6**	**692,700**		**378,500**	**3.5**	**1,319,900**
Ashland	19,200	1.2	23,600	64	16,000	2.8	45,300
Clark	120,100	1.8	220,800	8	100,000	4.8	476,000
Iron	3,100	1.0	3,100	68	2,800	3.1	8,700
Lincoln	33,000	1.7	56,000	53	28,400	3.9	111,600
Marathon	153,500	1.9	298,800	2	129,300	4.7	603,000
Oneida	3,500	0.8	2,700	69	3,000	2.1	6,350
Price	30,100	1.6	47,200	54	25,200	3.6	91,900
Taylor	62,800	1.8	111,900	35	51,600	4.2	217,700
Vilas	700	0.9	600	71	700	2.4	1,650
N. C. District	**426,000**	**1.8**	**764,700**		**357,000**	**4.4**	**1,562,200**
Florence	4,100	1.8	7,500	67	3,300	3.4	11,200
Forest	7,400	1.2	8,600	66	6,300	2.1	13,400
Langlade	28,900	2.0	56,900	52	25,100	3.2	79,700
Marinette	38,000	2.6	96,900	41	32,600	4.0	131,100
Oconto	58,200	2.6	153,100	25	49,200	4.5	222,000
Shawano	87,400	2.8	244,100	5	73,500	4.8	355,200
N. E. District	**224,000**	**2.5**	**567,100**		**190,000**	**4.3**	**812,600**
Buffalo	69,300	2.4	168,400	21	65,400	4.7	304,700
Dunn	80,900	2.3	183,000	15	74,300	4.7	350,300
Eau Claire	49,900	1.8	90,200	43	46,700	3.9	181,400
Jackson	50,600	2.1	106,900	37	47,800	4.2	203,000
La Crosse	41,100	2.6	105,700	38	37,400	4.6	172,800
Monroe	83,000	2.2	182,000	17	75,700	4.3	328,400
Pepin	23,300	2.5	57,500	50	21,200	5.3	111,800
Pierce	57,800	2.6	149,000	26	53,400	5.0	267,200
St. Croix	73,000	2.2	159,200	23	66,600	4.7	315,400
Trempealeau	88,100	2.1	187,100	13	81,500	4.3	351,800
W. C. District	**617,000**	**2.3**	**1,389,000**		**570,000**	**4.5**	**2,586,800**
Adams	18,200	1.6	29,100	61	17,000	3.2	54,100
Green Lake	26,300	2.4	63,300	47	24,200	4.7	114,800
Juneau	33,500	2.2	74,100	45	29,800	4.6	137,900
Marquette	23,800	2.6	60,900	49	21,300	4.2	89,400
Portage	46,800	2.0	95,200	42	42,100	3.9	162,800
Waupaca	64,600	2.9	189,900	12	57,700	4.9	284,500
Waushara	27,300	2.1	57,100	51	25,400	3.0	75,800
Wood	55,500	2.2	124,400	32	46,500	4.4	205,800
C. District	**296,000**	**2.3**	**694,000**		**264,000**	**4.3**	**1,125,100**
Brown	69,100	2.3	156,700	24	60,100	4.7	280,900
Calumet	49,700	2.2	110,600	36	42,600	4.1	174,600
Door	44,000	1.7	75,500	44	38,600	3.2	122,000
Fond du Lac	78,800	2.8	220,500	9	68,800	4.9	338,500
Kewaunee	58,500	2.2	130,900	29	49,700	4.6	226,300
Manitowoc	76,500	2.4	180,500	18	64,800	4.7	307,500
Outagamie	69,400	2.6	182,900	16	60,000	4.7	284,800
Sheboygan	55,300	2.7	146,800	27	48,100	4.8	230,400
Winnebago	43,700	2.6	115,400	34	38,300	4.7	178,400
E. C. District	**545,000**	**2.4**	**1,319,800**		**471,000**	**4.6**	**2,143,400**

ALL HAY: Acreage, Yield, and Production (Dry Equivalent), By Counties, Wisconsin, 1987-88 1/, Continued

County	1988				1987		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Tons			Acres	Tons	
Crawford	59,800	2.2	128,900	30	55,700	4.5	248,100
Grant	130,600	2.4	308,300	1	118,500	5.6	667,200
Iowa	90,300	2.1	185,700	14	84,400	4.9	411,800
Lafayette	77,700	2.5	196,600	11	71,000	5.6	394,100
Richland	73,400	2.3	166,700	22	66,100	4.6	306,600
Sauk	82,900	2.7	227,100	7	75,100	5.1	386,500
Vernon	110,300	2.3	250,600	4	101,200	4.0	409,000
S. W. District	**625,000**	**2.3**	**1,463,900**		**572,000**	**4.9**	**2,823,300**
Columbia	47,200	2.6	120,800	33	42,100	5.1	216,400
Dane	108,700	2.4	263,500	3	97,900	5.2	506,700
Dodge	89,100	2.7	242,000	6	81,100	5.0	404,500
Green	98,000	2.1	202,800	10	89,200	4.9	435,500
Jefferson	51,900	2.6	133,600	28	46,900	5.6	263,700
Rock	42,100	2.4	102,500	39	38,800	4.6	178,400
S. C. District	**437,000**	**2.4**	**1,065,200**		**396,000**	**5.1**	**2,005,200**
Kenosha	9,900	2.4	24,100	63	9,100	5.7	52,000
Milwaukee	1,400	1.5	2,100	70	1,200	3.9	4,700
Ozaukee	18,100	2.2	39,500	56	16,100	5.0	79,800
Racine	13,600	2.4	33,300	59	12,400	5.2	64,100
Walworth	24,900	2.5	63,000	48	22,000	5.4	119,000
Washington	42,100	2.4	99,000	40	38,900	5.1	198,300
Waukesha	24,000	1.9	46,600	55	21,800	5.0	108,600
S. E. District	**134,000**	**2.3**	**307,600**		**121,500**	**5.2**	**626,500**
State	**3,750,000**	**2.2**	**8,264,000**		**3,320,000**	**4.5**	**15,005,000**

1/All hay acreage is the sum of the published alfalfa and other hay acreages from pages 40-43. Altalfa and other hay yields are estimated from the reported dry hay yields at harvest. To arrive at an all hay production several assumptions are made to convert haylage and green chop to a dry equivalent. Haylage production estimates were set at the reported haylage weight at harvest and then converted to dry equivalent production. Factors used were: One ton of dry, baled hay = .87 ton dry matter; One ton of haylage = .50 ton dry matter; One ton of green chop = .25 ton dry matter; Green chop = 25% of haylage production; Other haylage = 75% of haylage production; All hay production is at a dry equivalent of 13% moisture. The haylage production (dry equivalent tons) was then added to alfalfa and other hay production from pages 40-43 to establish the all hay production. The all hay yield (dry equivalent) per acre was derived from all hay production.



ALL HAY
Acreage, Yield and Production (Dry Equivalent)
Wisconsin, 1982-88

Year	Acres harvested	Yield per acre	Production
	1,000	Tons	1,000 tons
1988	**3,750**	**2.2**	**8,264**
1987	3,320	4.5	15,005
1986	3,680	5.0	18,227
1985	3,600	4.7	17,064
1984	3,700	4.7	17,374
1983	3,800	4.6	17,563
1982	3,650	4.6	16,910

ALFALFA HAY: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88 1/

County	1988				1987		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Tons			Acres	Tons	
Barron	81,800	0.9	76,800	27	72,000	2.3	169,000
Bayfield	13,300	0.8	10,200	62	11,500	1.9	21,500
Burnett	20,800	1.0	20,500	57	18,600	2.0	37,900
Chippewa	75,100	1.1	79,500	24	66,500	2.5	169,300
Douglas	10,000	1.2	12,100	61	8,800	1.7	15,100
Polk	69,700	0.9	61,000	33	60,100	2.1	124,000
Rusk	17,600	0.9	15,300	58	15,200	2.1	31,600
Sawyer	5,000	1.0	4,800	66	4,600	1.8	8,500
Washburn	14,700	0.9	13,800	60	12,700	2.0	25,100
N. W. District	**308,000**	**1.0**	**294,000**		**270,000**	**2.2**	**602,000**
Ashland	7,000	0.9	6,100	64	6,300	2.3	14,500
Clark	55,400	1.0	53,600	39	48,300	2.4	114,000
Iron	1,100	0.7	800	70	1,100	1.6	1,800
Lincoln	21,000	1.1	24,000	51	18,900	2.3	43,700
Marathon	95,900	1.0	100,200	13	82,800	2.5	206,000
Oneida	1,800	0.8	1,500	68	1,600	2.1	3,400
Price	10,500	0.9	9,000	63	9,200	1.7	16,000
Taylor	23,800	0.9	21,400	54	21,300	2.1	44,700
Vilas	500	0.8	400	71	500	1.8	900
N. C. District	**217,000**	**1.0**	**217,000**		**190,000**	**2.3**	**445,000**
Florence	3,000	1.0	3,100	67	2,500	2.0	5,000
Forest	4,900	1.1	5,400	65	4,200	1.9	8,000
Langlade	18,100	1.3	22,900	52	16,000	2.1	34,000
Marinette	31,700	1.3	40,900	43	27,000	1.9	52,500
Oconto	49,500	1.4	70,800	30	41,900	2.5	106,500
Shawano	78,800	1.3	105,900	11	66,400	2.5	164,000
N. E. District	**186,000**	**1.3**	**249,000**		**158,000**	**2.3**	**370,000**
Buffalo	63,800	1.4	88,700	17	61,000	2.6	157,000
Dunn	72,700	1.2	88,600	18	67,500	2.6	173,000
Eau Claire	44,700	1.3	60,200	34	42,700	2.8	119,000
Jackson	45,700	1.3	61,300	32	43,700	2.7	119,000
La Crosse	36,500	1.8	64,800	31	34,100	3.3	111,000
Monroe	75,900	1.3	102,400	12	70,000	2.9	200,000
Pepin	21,200	1.4	30,400	49	19,700	3.1	62,000
Pierce	52,400	1.6	84,900	21	49,000	3.1	154,000
St. Croix	61,200	1.3	78,700	26	57,300	2.8	158,000
Trempealeau	79,900	1.5	120,000	6	75,000	3.0	228,000
W. C. District	**554,000**	**1.4**	**780,000**		**520,000**	**2.8**	**1,481,000**
Adams	15,500	1.3	20,900	56	14,700	2.7	39,100
Green Lake	23,200	1.7	39,800	45	21,600	3.1	67,500
Juneau	29,100	1.4	41,800	42	26,400	2.9	76,700
Marquette	21,300	1.8	37,300	48	19,200	2.5	47,700
Portage	36,000	1.5	54,500	37	33,200	2.9	96,000
Waupaca	56,400	1.7	95,300	15	51,100	2.6	134,000
Waushara	22,300	1.8	39,100	46	20,900	2.3	49,000
Wood	26,200	1.5	40,300	44	22,900	2.8	65,000
C. District	**230,000**	**1.6**	**369,000**		**210,000**	**2.7**	**575,000**
Brown	63,400	1.2	79,100	25	55,000	2.5	135,000
Calumet	44,200	1.2	54,500	37	38,100	2.3	87,000
Door	40,100	1.1	45,400	41	35,400	2.0	70,500
Fond du Lac	71,800	1.7	119,400	7	63,000	2.7	170,500
Kewaunee	52,500	1.1	58,000	36	45,000	2.4	106,000
Manitowoc	69,500	1.2	86,500	19	59,200	2.3	138,000
Outagamie	63,200	1.5	94,300	16	55,000	2.7	147,000
Sheboygan	50,800	1.6	83,100	23	44,500	2.9	129,000
Winnebago	39,500	1.5	58,700	35	34,800	2.6	91,000
E. C. District	**495,000**	**1.4**	**679,000**		**430,000**	**2.5**	**1,074,000**

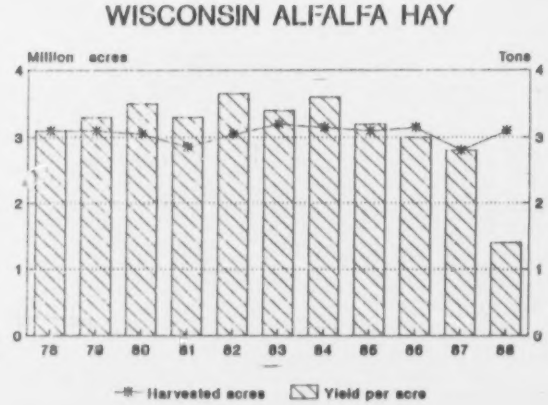
ALFALFA HAY: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88 1/, Continued

County	1988				1987		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Tons			Acres	Tons	
Crawford	56,400	1.5	85,400	20	53,000	3.1	166,000
Grant	124,500	1.5	192,800	1	114,000	3.7	426,000
Iowa	86,100	1.3	116,200	8	81,000	3.2	262,000
Lafayette	72,900	1.5	111,600	10	67,000	3.2	217,000
Richland	67,000	1.5	98,900	14	61,000	2.8	169,000
Sauk	76,100	1.7	132,600	5	70,000	3.1	219,000
Vernon	102,000	1.7	174,500	2	94,000	2.7	258,000
S. W. District	**585,000**	**1.6**	**912,000**		**540,000**	**3.2**	**1,717,000**
Columbia	42,300	1.8	74,700	28	38,500	3.4	131,000
Dane	100,000	1.6	160,500	3	91,200	3.3	304,000
Dodge	82,400	1.9	155,200	4	76,000	3.3	252,000
Green	92,000	1.2	113,200	9	84,500	2.9	245,000
Jefferson	46,900	1.8	84,000	22	43,000	3.9	167,000
Rock	39,400	1.9	73,400	29	36,800	3.4	125,000
S. C. District	**403,000**	**1.6**	**661,000**		**370,000**	**3.3**	**1,224,000**
Kenosha	9,200	1.6	14,600	59	8,600	3.4	29,000
Milwaukee	1,000	1.4	1,400	69	900	2.9	2,600
Ozaukee	16,700	1.3	21,000	55	15,100	2.6	40,000
Racine	12,300	1.7	21,500	53	11,300	3.3	37,600
Walworth	22,400	1.7	39,100	46 *	20,100	3.6	72,100
Washington	38,300	1.4	53,600	39 *	35,600	2.8	100,400
Waukesha	22,100	1.3	27,800	50	20,400	3.4	70,300
S. E. District	**122,000**	**1.5**	**179,000**		**112,000**	**3.1**	**352,000**
State	**3,100,000**	**1.4**	**4,340,000**		**2,800,000**	**2.8**	**7,840,000**

*Tied. 1/Yield figures for this table include only alfalfa and alfalfa mixtures that were harvested as dry hay. Alfalfa harvested as green chop or silage is not included. For an estimate of per acre yields of forage in all forms (wet and dry), see the table for all hay.

ALFALFA HAY: Acreage, Yield and Production Wisconsin, 1981-88

Year	Acres harvested	Yield per acre	Production
	1,000	Tons	1,000 tons
1988	**3,100**	**1.40**	**4,340**
1987	2,800	2.80	7,840
1986	3,150	3.00	9,450
1985	3,100	3.20	9,920
1984	3,150	3.60	11,340
1983	3,200	3.40	10,880
1982	3,050	3.65	11,133
1981	2,850	3.30	9,405



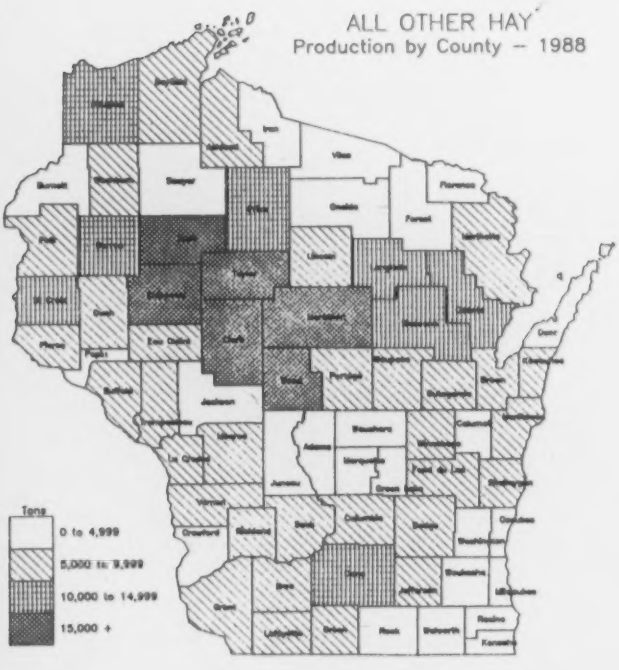
ALL OTHER HAY: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88 1/

County	1988				1987		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Tons			Acres	Tons	
Barron	17,000	0.7	12,500	9	13,800	1.8	25,500
Bayfield	16,100	0.6	9,300	17	12,200	1.0	12,700
Burnett	6,200	0.8	4,700	48	4,700	1.7	8,000
Chippewa	27,000	0.9	25,200	5	21,700	2.2	47,500
Douglas	16,700	0.7	10,900	12	12,800	1.2	14,800
Polk	13,200	0.7	9,500	16	10,500	1.8	18,400
Rusk	28,200	0.6	17,500	6	22,100	1.5	32,200
Sawyer	6,000	0.5	3,100	57 *	4,700	1.4	6,700
Washburn	7,600	0.7	5,300	44 *	6,000	1.4	8,200
N.W. District	**138,000**	**0.7**	**98,000**		**108,500**	**1.6**	**174,000**
Ashland	12,200	0.7	8,200	23 *	9,700	1.8	17,600
Clark	64,700	0.8	51,200	1	51,700	2.0	103,000
Iron	2,000	0.6	1,200	65	1,700	1.5	2,500
Lincoln	12,000	0.7	8,100	25 *	9,500	1.6	14,900
Marathon	57,600	0.9	49,200	2	46,500	2.1	99,000
Oneida	1,700	0.5	900	68	1,400	1.3	1,850
Price	19,600	0.7	13,800	7	16,000	1.5	23,900
Taylor	39,000	0.6	25,300	4	30,300	1.7	50,000
Vilas	200	0.5	100	71	200	1.3	250
N.C. District	**209,000**	**0.8**	**158,000**		**167,000**	**1.9**	**313,000**
Florence	1,100	0.9	1,000	67	800	1.6	1,300
Forest	2,500	0.8	1,900	63	2,100	1.6	3,400
Langlade	10,800	1.0	10,500	13	9,100	1.8	16,000
Marinette	6,300	1.0	6,400	34 *	5,600	1.6	9,100
Oconto	8,700	1.5	12,800	8	7,300	2.2	16,000
Shawano	8,600	1.3	11,400	10 *	7,100	2.0	14,200
N.E. District	**38,000**	**1.2**	**44,000**		**32,000**	**1.9**	**60,000**
Buffalo	5,500	0.9	5,100	46	4,400	2.2	9,700
Dunn	8,200	1.0	7,800	28	6,800	2.3	15,300
Eau Claire	5,200	1.1	5,600	40 *	4,000	2.5	9,900
Jackson	4,900	0.9	4,200	50	4,100	1.8	7,500
La Crosse	4,600	1.4	6,300	36	3,300	2.8	9,300
Monroe	7,100	1.1	7,500	29 *	5,700	2.0	11,400
Pepin	2,100	1.0	2,200	61	1,500	2.3	3,500
Pierce	5,400	1.3	6,800	32	4,400	2.8	12,200
St. Croix	11,800	1.0	11,400	10 *	9,300	2.7	25,400
Trempealeau	8,200	1.0	8,100	25 *	6,500	2.4	15,800
W.C. District	**63,000**	**1.0**	**65,000**		**50,000**	**2.4**	**120,000**
Adams	2,700	1.1	3,100	57 *	2,300	2.2	5,000
Green Lake	3,100	1.2	3,700	52 *	2,600	2.4	6,200
Juneau	4,400	0.8	3,500	56	3,400	1.7	5,700
Marquette	2,500	0.8	2,000	62	2,100	1.8	3,700
Portage	10,800	0.8	8,800	19 *	8,900	1.7	14,800
Waupaca	8,200	1.1	8,700	21 *	6,600	1.9	12,500
Waushara	5,000	1.0	4,900	47	4,500	1.6	7,300
Wood	29,300	1.0	28,300	3	23,600	2.0	46,800
C. District	**66,000**	**1.0**	**63,000**		**54,000**	**1.9**	**102,000**
Brown	5,700	1.3	7,500	29 *	5,100	2.1	10,900
Calumet	5,500	0.8	4,500	49	4,500	1.6	7,100
Door	3,900	0.9	3,600	54 *	3,200	1.6	5,100
Fond du Lac	7,000	1.4	9,700	15	5,800	2.6	15,000
Kewaunee	6,000	1.1	6,400	34 *	4,700	2.0	9,300
Manitowoc	7,000	1.3	8,800	19 *	5,600	2.1	11,500
Outagamie	6,200	1.5	9,100	18	5,000	2.4	11,800
Sheboygan	4,500	1.3	6,000	38	3,600	2.6	9,400
Winnebago	4,200	1.3	5,400	43	3,500	2.5	8,900
E.C. District	**50,000**	**1.2**	**61,000**		**41,000**	**2.2**	**89,000**

ALL OTHER HAY: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88 1/, Continued

County	1988				1987		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Tons			Acres	Tons	
Crawford	3,400	1.1	3,700	52 *	2,700	2.8	7,600
Grant	6,100	1.1	6,900	31	4,500	2.9	13,200
Iowa	4,200	1.3	5,300	44 *	3,400	2.9	10,000
Lafayette	4,800	1.1	5,500	42	4,000	3.0	12,100
Richland	6,400	1.0	6,500	33	5,100	2.7	13,600
Sauk	6,800	1.2	7,900	27	5,100	2.5	12,500
Vernon	8,300	1.0	8,200	23 *	7,200	2.4	17,000
S.W. District	**40,000**	**1.1**	**44,000**		**32,000**	**2.7**	**86,000**
Columbia	4,900	1.2	6,100	37	3,600	3.3	11,900
Dane	8,700	1.2	10,200	14	6,700	2.9	19,700
Dodge	6,700	1.3	8,700	21 *	5,100	2.5	12,500
Green	6,000	1.0	5,800	39	4,700	2.2	10,500
Jefferson	5,000	1.1	5,600	40 *	3,900	3.4	13,200
Rock	2,700	1.3	3,600	54 *	2,000	2.6	5,200
S.C. District	**34,000**	**1.2**	**40,000**		**26,000**	**2.8**	**73,000**
Kenosha	700	0.9	600	69	500	2.2	1,100
Milwaukee	400	1.0	400	70	300	2.3	700
Ozaukee	1,400	1.0	1,400	64	1,000	1.7	1,700
Racine	1,300	0.8	1,100	66	1,100	2.1	2,300
Walworth	2,500	0.9	2,300	59 *	1,900	2.5	4,700
Washington	3,800	1.0	3,900	51	3,300	2.7	8,900
Waukesha	1,900	1.2	2,300	59 *	1,400	2.6	3,600
S.E. District	**12,000**	**1.0**	**12,000**		**9,500**	**2.4**	**23,000**
State	**650,000**	**0.9**	**585,000**		**520,000**	**2.0**	**1,040,000**

*Tied. 1/includes yield figures for clover, timothy, grains, and all other grasses harvested as dry hay only. Other hay harvested as green chop or silage is not included. For an estimate of per acre yields of forage in all forms (wet and dry), see the table for all hay.



ALL OTHER HAY: Acreage, Yield, and Production Wisconsin, 1981-88 1/

Year	Acres harvested	Yield per acre	Production
	1,000	Tons	1,000 tons
1988	**650**	**.90**	**585**
1987	520	2.00	1,040
1986	530	2.50	1,325
1985	500	2.40	1,200
1984	550	2.60	1,430
1983	600	2.20	1,320
1982	600	2.70	1,620
1981	600	2.20	1,320

1/Includes clover, timothy, and other types.

HAY STOCKS: Wisconsin, 1981-89

Year	Stocks Jan. 1	Percent of production 1/	Stocks May 1	Percent of production 1/
	1,000 tons	Percent	1,000 tons	Percent
1989 2/	**3,792**	**77**	**887**	**18**
1988 2/	7,726	87	1,954	22
1987 2/	9,482	88	1,616	15
1986	7,228	65	1,112	10
1985	10,216	80	2,426	19
1984	8,662	71	2,196	18
1983	9,310	73	2,933	23
1982	7,615	71	2,145	20
1981	9,283	76	2,687	22

1/Previous year's production. 2/Hay stock survey reference date was changed from Jan. 1 to Dec. 1 beginning Dec. 1, 1986.

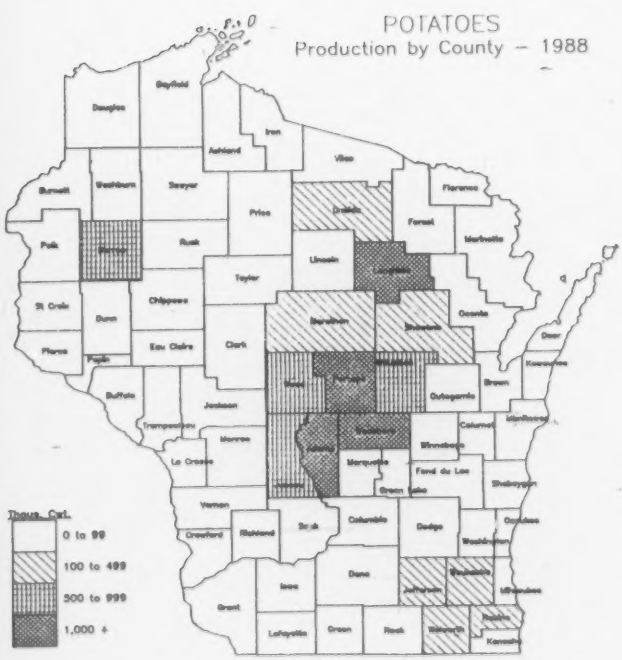
POTATOES: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88

County	1988					1987 1/			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Hundredweight			Acres		Hundredweight	
Barron	1,200	1,200	417	500,000	8	1,350	1,350	436	588,000
Bayfield	—	—	—	—	—	—	—	—	—
Burnett	—	—	—	—	—	—	—	—	—
Chippewa 2/	—	—	—	—	—	—	—	—	—
Douglas	—	—	—	—	—	—	—	—	—
Polk	—	—	—	—	—	—	—	—	—
Rusk	—	—	—	—	—	—	—	—	—
Sawyer 2/	—	—	—	—	—	—	—	—	—
Washburn 2/	—	—	—	—	—	—	—	—	—
N. W. District 2/	**1,500**	**1,500**	**400**	**600,000**		**1,450**	**1,450**	**423**	**614,000**
Ashland	—	—	—	—	—	—	—	—	—
Clark 2/	—	—	—	—	—	—	—	—	—
Iron 2/	—	—	—	—	—	—	—	—	—
Lincoln	—	—	—	—	—	—	—	—	—
Marathon	1,100	1,100	235	258,000	11	1,400	1,350	264	356,000
Oneida	1,650	1,600	195	312,000	10	2,100	1,900	205	390,000
Price	—	—	—	—	—	—	—	—	—
Taylor	—	—	—	—	—	—	—	—	—
Vilas 2/	—	—	—	—	—	—	—	—	—
N. C. District 2/	**3,250**	**3,200**	**200**	**640,000**		**3,750**	**3,500**	**224**	**785,000**
Florence	200	200	210	42,000	17	200	200	215	43,000
Forest 2/	—	—	—	—	—	—	—	—	—
Langlade	11,050	11,000	283	3,116,000	2	10,400	10,300	311	3,202,000
Marinette 2/	—	—	—	—	—	—	—	—	—
Oconto	350	350	234	82,000	16	300	300	267	80,000
Shawano	600	600	172	103,000	15	550	550	236	130,000
N. E. District 2/	**12,350**	**12,300**	**274**	**3,373,000**		**11,600**	**11,500**	**303**	**3,488,000**
Buffalo	—	—	—	—	—	—	—	—	—
Dunn	—	—	—	—	—	—	—	—	—
Eau Claire	—	—	—	—	—	—	—	—	—
Jackson	—	—	—	—	—	—	—	—	—
La Crosse	—	—	—	—	—	—	—	—	—
Monroe	—	—	—	—	—	—	—	—	—
Pepin	—	—	—	—	—	—	—	—	—
Pierce	—	—	—	—	—	—	—	—	—
St. Croix	—	—	—	—	—	—	—	—	—
Trempealeau	—	—	—	—	—	—	—	—	—
W. C. District 2/	**—**	**—**	**—**	**—**		**—**	**—**	**—**	**—**
Adams	6,000	6,000	392	2,349,000	4	6,300	6,000	395	2,370,000
Green Lake 2/	—	—	—	—	—	—	—	—	—
Juneau	1,550	1,500	350	525,000	7	1,800	1,800	368	662,000
Marquette 2/	—	—	—	—	—	—	—	—	—
Portage	21,700	21,350	319	6,803,000	1	22,400	22,200	351	7,791,000
Waupaca	2,100	2,100	310	650,000	5	2,200	2,200	297	654,000
Waushara	7,900	7,900	361	2,850,000	3	7,550	7,500	380	2,850,000
Wood	1,450	1,450	378	548,000	6	1,650	1,650	403	665,000
C. District 2/	**40,900**	**40,500**	**340**	**13,774,000**		**42,050**	**41,500**	**363**	**15,051,000**
Brown	—	—	—	—	—	—	—	—	—
Calumet	—	—	—	—	—	—	—	—	—
Door	—	—	—	—	—	—	—	—	—
Fond du Lac	—	—	—	—	—	—	—	—	—
Kewaunee	—	—	—	—	—	—	—	—	—
Manitowoc	—	—	—	—	—	—	—	—	—
Outagamie	—	—	—	—	—	—	—	—	—
Sheboygan	—	—	—	—	—	—	—	—	—
Winnebago	—	—	—	—	—	—	—	—	—
E. C. District 2/	**—**	**—**	**—**	**—**		**—**	**—**	**—**	**—**

POTATOES: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88, Continued

County	1988					1987 1/			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Hundredweight			Acres		Hundredweight	
Crawford	—	—	—	—	—	—	—	—	—
Grant	—	—	—	—	—	—	—	—	—
Iowa	—	—	—	—	—	—	—	—	—
Lafayette	—	—	—	—	—	—	—	—	—
Richland	—	—	—	—	—	—	—	—	—
Sauk	—	—	—	—	—	—	—	—	—
Vernon	—	—	—	—	—	—	—	—	—
S. W. District 2/	—	—	—	—		—	—	—	—
Columbia 2/	—	—	—	—	—	—	—	—	—
Dane	—	—	—	—	—	—	—	—	—
Dodge	70	70	286	20,000	18	70	70	364	25,500
Green	—	—	—	—	—	—	—	—	—
Jefferson	1,300	1,300	261	339,000	9	1,400	1,350	318	429,000
Rock 2/	—	—	—	—	—	—	—	—	—
S. C. District 2/	**1,450**	**1,450**	**262**	**380,000**		**1,550**	**1,500**	**319**	**479,000**
Kenosha	50	50	300	15,000	19	50	50	280	14,000
Milwaukee	—	—	—	—	—	—	—	—	—
Ozaukee	50	50	260	13,000	20	50	50	340	17,000
Racine –	500	500	250	125,000	14	600	550	340	187,000
Walworth	850	850	266	226,000	13	900	900	326	293,000
Washington	50	50	220	11,000	21	—	—	—	—
Waukesha	600	600	383	230,000	12	650	650	354	230,000
S. E. District	**2,100**	**2,100**	**295**	**620,000**		**2,250**	**2,200**	**337**	**741,000**
State 2/	**63,000**	**62,500**	**320**	**20,000,000**		**64,500**	**63,500**	**345**	**21,908,000**

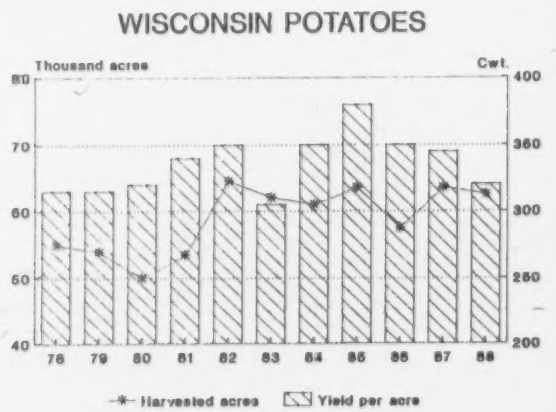
1/Revised. 2/Includes data to prevent disclosure of individual operations at the county and/or district level.



POTATOES: Acreage, Yield, and Production Wisconsin, 1981-88

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Cwt.	1,000 cwt.
1988	**63.0**	**62.5**	**320**	**20,000**
1987*	64.5	63.5	345	21,908
1986	59.0	57.5	350	20,125
1985	65.0	63.5	380	24,130
1984	62.0	61.0	350	21,350
1983	63.0	62.0	305	18,910
1982	66.0	64.5	350	22,575
1981	55.0	53.5	340	18,190

*Revised



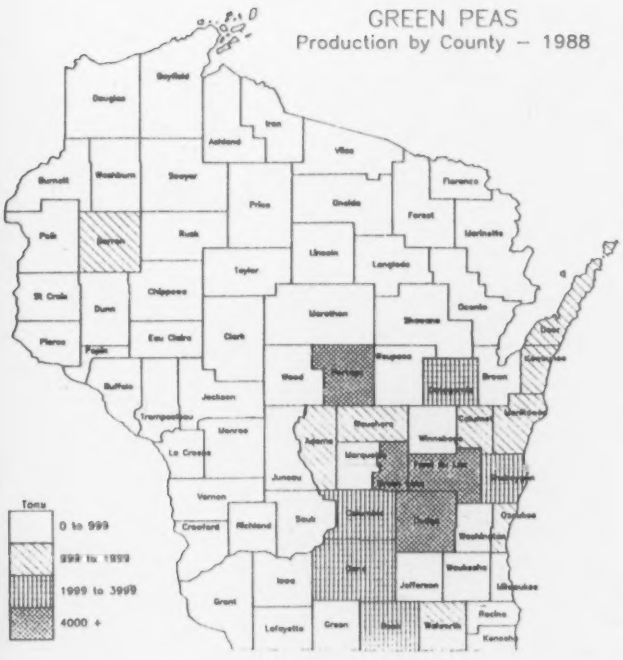
GREEN PEAS FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88

County	1988					1987			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Barron	2,750	2,500	0.6	1,600	11	2,800	2,600	1.1	2,900
Bayfield	-	-	-	-	-	-	-	-	-
Burnett	-	-	-	-	-	-	-	-	-
Chippewa	250	200	1.0	200	33 *	200	200	1.3	250
Douglas	-	-	-	-	-	-	-	-	-
Polk	500	400	0.5	200	33 *	450	400	1.1	450
Rusk	-	-	-	-	-	-	-	-	-
Sawyer	-	-	-	-	-	-	-	-	-
Washburn	-	-	-	-	-	-	-	-	-
N.W. District	**3,500**	**3,100**	**0.6**	**2,000**		**3,450**	**3,200**	**1.1**	**3,600**
Ashland	-	-	-	-	-	-	-	-	-
Clark	-	-	-	-	-	230	200	1.5	300
Iron	-	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	-	120	100	1.5	150
Marathon	-	-	-	-	-	-	-	-	-
Oneida	-	-	-	-	-	-	-	-	-
Price	-	-	-	-	-	-	-	-	-
Taylor	-	-	-	-	-	150	100	1.5	150
Vilas	-	-	-	-	-	-	-	-	-
N.C. District	**-**	**-**	**-**	**-**		**500**	**400**	**1.5**	**600**
Florence	-	-	-	-	-	-	-	-	-
Forest	-	-	-	-	-	-	-	-	-
Langlade	420	400	0.5	190	36	500	450	1.1	500
Marinette	270	250	0.4	90	40	300	250	1.1	280
Oconto	430	400	0.5	180	37 *	400	400	1.1	450
Shawano	580	550	0.4	240	31	600	600	1.3	770
N.E. District	**1,700**	**1,600**	**0.4**	**700**		**1,800**	**1,700**	**1.2**	**2,000**
Buffalo	-	-	-	-	-	-	-	-	-
Dunn	420	400	0.6	250	30	550	500	1.2	600
Eau Claire	570	550	0.8	430	26	650	600	1.3	770
Jackson	570	550	0.9	490	24	550	500	1.6	800
La Crosse	-	-	-	-	-	-	-	-	-
Monroe	-	-	-	-	-	-	-	-	-
Pepin	110	100	0.5	50	42 *	100	100	1.1	110
Pierce	110	100	0.5	50	42 *	100	100	1.1	110
St. Croix	310	300	0.6	180	37 *	350	300	1.3	400
Trempealeau	110	100	0.5	50	42 *	100	100	1.1	110
W. C. District	**2,200**	**2,100**	**0.7**	**1,500**		**2,400**	**2,200**	**1.3**	**2,900**
Adams	1,300	1,300	1.1	1,450	13	1,400	1,400	1.6	2,200
Green Lake	4,550	4,500	0.9	4,050	4	4,250	4,100	1.7	7,100
Juneau	800	800	0.7	550	23	900	900	1.3	1,200
Marquette	-	-	-	-	-	-	-	-	-
Portage	4,750	4,600	0.9	4,250	3	4,700	4,600	1.5	7,100
Waupaca	700	700	0.9	600	22	700	600	1.5	900
Waushara	1,500	1,400	1.0	1,400	14	1,350	1,200	1.8	2,100
Wood	400	400	0.8	300	28 *	400	400	1.0	400
C. District	**14,000**	**13,700**	**0.9**	**12,600**		**13,700**	**13,200**	**1.6**	**21,000**
Brown	1,650	1,600	0.6	950	19 *	1,650	1,600	1.3	2,100
Calumet	2,900	2,500	0.5	1,200	16	3,000	2,900	1.1	3,300
Door	3,600	3,300	0.5	1,700	10	3,250	3,000	1.3	3,900
Fond du Lac	10,500	9,800	0.6	5,600	1	10,800	10,500	1.3	13,500
Kewaunee	1,650	1,600	0.7	1,050	17*	1,700	1,700	1.4	2,300
Manitowoc	2,900	2,600	0.6	1,550	12	2,750	2,700	1.4	3,780
Outagamie	3,400	3,300	0.7	2,150	9	3,450	3,400	1.3	4,400
Sheboygan	4,500	4,400	0.6	2,550	8	4,600	4,500	1.3	5,800
Winnebago	1,600	1,500	0.6	950	19 *	1,700	1,600	1.3	2,100
E.C. District	**32,700**	**30,600**	**0.6**	**17,700**		**32,900**	**31,900**	**1.3**	**41,180**

GREEN PEAS FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88, Continued

County	1988					1987			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Crawford	-	-	-	-	-	-	-	-	-
Grant	550	500	0.6	320	27	400	400	1.4	540
Iowa	450	400	0.6	220	32	550	500	1.4	690
Lafayette	100	100	0.8	80	41	100	100	1.7	170
Richland	200	200	0.6	110	39	200	200	1.2	240
Sauk	1,500	1,400	0.6	870	21	1,400	1,400	1.4	1,960
Vernon	-	-	-	-	-	-	-	-	-
S.W. District	**2,800**	**2,600**	**0.6**	**1,600**		**2,650**	**2,600**	**1.4**	**3,600**
Columbia	4,600	4,300	0.7	3,100	6	4,600	4,500	1.4	6,500
Dane	5,000	4,800	0.8	3,600	5	4,950	4,900	1.5	7,400
Dodge	7,700	7,300	0.7	5,400	2	7,750	7,600	1.5	11,600
Green	450	400	0.5	200	33 *	500	500	1.2	600
Jefferson	650	600	0.5	300	28 *	900	700	1.3	900
Rock	3,800	3,600	0.8	2,700	7	3,900	3,800	1.5	5,700
S.C. District	**22,200**	**21,000**	**0.7**	**15,300**		**22,600**	**22,000**	**1.5**	**32,700**
Kenosha	50	50	0.6	30	46 *	50	50	1.4	70
Milwaukee	-	-	-	-	-	-	-	-	-
Ozaukee	1,620	1,600	0.7	1,050	17 *	1,600	1,600	1.3	2,100
Racine	50	50	0.6	30	46 *	50	50	1.4	70
Walworth	2,480	2,400	0.5	1,300	15	2,600	2,500	1.4	3,530
Washington	1,000	1,000	0.5	480	25	1,100	1,000	1.2	1,200
Waukesha	100	100	0.4	40	45	100	100	1.3	130
S.E. District	**5,300**	**5,200**	**0.6**	**2,930**		**5,500**	**5,300**	**1.3**	**7,100**
State	**84,400**	**79,900**	**0.7**	**54,330**		**85,500**	**82,500**	**1.4**	**114,680**

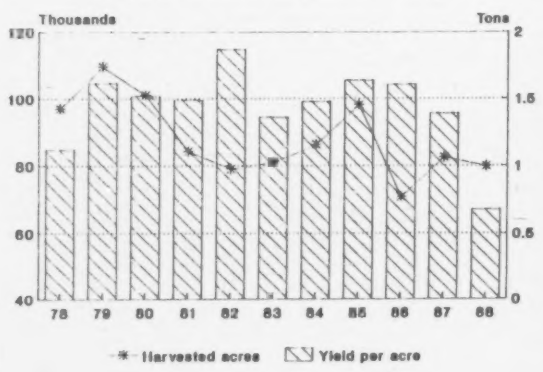
*Tied.



GREEN PEAS FOR PROCESSING
Acreage, Yield, and Production Wisconsin, 1981-88

Year	Acres		Yield per acre (shelled)	Production (shelled)
	Planted	Harvested		
	Acres		Tons	Tons
1988	**84,400**	**79,900**	**.68**	**54,330**
1987	85,500	82,500	1.39	114,680
1986	78,000	70,900	1.61	114,150
1985	102,100	98,100	1.64	160,880
1984	91,000	86,200	1.48	127,580
1983	84,600	81,000	1.36	110,160
1982	85,000	79,100	1.87	147,920
1981	87,600	84,200	1.49	125,460

WISCONSIN GREEN PEAS



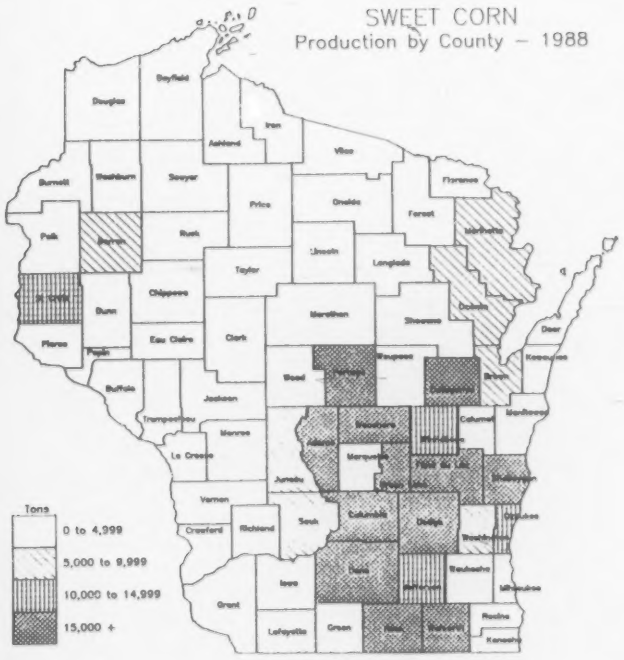
SWEET CORN FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88

County	1988					1987			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Barron	1,050	1,000	5.2	5,200	23	950	800	5.1	4,050
Bayfield	—	—	—	—	—	—	—	—	—
Burnett	50	50	6.0	300	42 *	50	50	4.0	200
Chippewa	100	50	5.0	250	47	100	100	4.0	400
Douglas	—	—	—	—	—	—	—	—	—
Polk	300	300	5.2	1,550	34	400	350	5.1	1,800
Rusk	—	—	—	—	—	—	—	—	—
Sawyer	100	100	5.0	500	40	200	200	4.8	950
Washburn	—	—	—	—	—	—	—	—	—
N. W. District	**1,600**	**1,500**	**5.2**	**7,800**		**1,700**	**1,500**	**4.9**	**7,400**
Ashland	—	—	—	—	—	—	—	—	—
Clark	—	—	—	—	—	70	50	5.0	250
Iron	—	—	—	—	—	—	—	—	—
Lincoln	—	—	—	—	—	60	50	4.4	220
Marathon	100	100	4.0	400	41	60	50	4.4	220
Oneida	—	—	—	—	—	—	—	—	—
Price	—	—	—	—	—	60	50	4.2	210
Taylor	—	—	—	—	—	—	—	—	—
Vilas	—	—	—	—	—	—	—	—	—
N. C. District	**100**	**100**	**4.0**	**400**		**250**	**200**	**4.5**	**900**
Florence	—	—	—	—	—	—	—	—	—
Forest	—	—	—	—	—	—	—	—	—
Langlade	1,050	1,000	4.8	4,800	24 *	800	800	5.8	4,600
Marinette	1,800	1,700	4.3	7,300	21	1,700	1,700	5.0	8,500
Oconto	2,450	2,200	4.2	9,200	18 *	2,750	2,350	4.8	11,200
Shawano	400	400	3.3	1,300	36	350	350	5.4	1,900
N. E. District	**5,700**	**5,300**	**4.3**	**22,600**		**5,600**	**5,200**	**5.0**	**26,200**
Buffalo	50	—	—	—	—	—	—	—	—
Dunn	150	100	3.0	300	42 *	170	150	4.0	600
Eau Claire	250	200	3.5	700	38	170	150	4.0	600
Jackson	50	—	—	—	—	50	50	4.0	200
La Crosse	150	100	3.0	300	42 *	50	50	4.0	200
Monroe	—	—	—	—	—	160	150	4.0	600
Pepin	—	—	—	—	—	—	—	—	—
Pierce	150	100	3.0	300	42 *	50	50	4.0	200
St. Croix	3,150	3,000	3.4	10,100	16	3,700	3,150	5.0	15,800
Trempealeau	150	100	3.0	300	42 *	50	50	4.0	200
W. C. District	**4,100**	**3,600**	**3.3**	**12,000**		**4,400**	**3,800**	**4.8**	**18,400**
Adams	3,700	3,500	6.5	22,900	10	3,800	3,700	6.7	24,700
Green Lake	11,000	10,200	5.3	54,500	3	11,200	10,500	6.6	69,000
Juneau	1,900	1,700	5.4	9,200	18 *	1,150	1,100	5.4	5,900
Marquette	700	600	5.3	3,200	27	800	800	5.4	4,300
Portage	5,900	5,700	6.1	34,600	7	4,800	4,600	6.6	30,500
Waupaca	600	500	5.0	2,500	31	650	600	6.3	3,800
Waushara	5,600	5,400	6.3	33,900	8	4,800	4,500	6.7	30,200
Wood	500	400	5.5	2,200	32	200	200	5.0	1,000
C. District	**29,900**	**28,000**	**5.8**	**163,000**		**27,400**	**26,000**	**6.5**	**169,400**
Brown	2,700	2,600	3.8	9,900	17	2,700	2,600	5.0	13,100
Calumet	1,400	1,200	4.0	4,800	24 *	1,300	1,300	5.5	7,200
Door	50	50	4.0	200	48 *	50	50	4.0	200
Fond du Lac	22,800	20,300	4.4	88,900	1	21,900	21,350	5.7	121,000
Kewaunee	700	650	4.3	2,800	30	750	700	5.0	3,500
Manitowoc	750	700	4.3	3,000	28	900	700	5.4	3,800
Outagamie	3,800	3,600	4.4	16,000	12	3,700	3,600	5.5	19,900
Sheboygan	9,400	8,700	4.5	38,900	4	9,400	8,800	5.4	47,600
Winnebago	3,400	3,200	4.2	13,500	14	3,500	3,300	6.3	20,800
E. C. District	**45,000**	**41,000**	**4.3**	**178,000**		**44,200**	**42,400**	**5.6**	**237,100**

SWEET CORN FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88, Continued

County	1988					1987			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Crawford	—	—	—	—	—	—	—	—	—
Grant	450	400	3.5	1,400	35	550	550	4.9	2,700
Iowa	950	850	3.4	2,900	29	900	800	5.0	4,000
Lafayette	—	—	—	—	—	—	—	—	—
Richland	500	400	2.8	1,100	37	400	400	4.8	1,900
Sauk	1,700	1,550	3.6	5,600	22	1,650	1,600	5.1	8,150
Vernon	—	—	—	—	—	50	50	5.0	250
S. W. District	**3,600**	**3,200**	**3.4**	**11,000**		**3,550**	**3,400**	**5.0**	**17,000**
Columbia	9,500	8,600	4.1	34,900	6	8,900	8,900	5.2	46,200
Dane	10,200	9,400	3.8	35,500	5	11,250	10,100	5.4	54,300
Dodge	15,000	14,000	4.1	58,000	2	15,700	15,300	5.0	76,800
Green	250	200	3.0	600	39	250	200	5.0	1,000
Jefferson	4,300	3,700	3.8	14,000	13	3,900	3,800	5.1	19,300
Rock	5,750	5,100	3.7	19,000	11	4,300	4,200	4.9	20,500
S. C. District	**45,000**	**41,000**	**4.0**	**162,000**		**44,300**	**42,500**	**5.1**	**218,100**
Kenosha	100	50	4.0	200	48 *	90	60	5.0	300
Milwaukee	100	50	4.0	200	48 *	60	50	4.0	200
Ozaukee	3,300	3,100	4.1	12,700	15	3,600	3,200	5.0	16,100
Racine	1,100	1,000	3.5	3,500	26	900	890	4.5	4,000
Walworth	8,500	7,800	3.4	26,500	9	8,100	8,000	4.9	39,500
Washington	2,400	2,200	3.4	7,500	20	2,250	2,200	5.7	12,600
Waukesha	500	500	3.1	1,560	33	600	600	4.7	2,800
S. E. District	**16,000**	**14,700**	**3.5**	**52,160**		**15,600**	**15,000**	**5.0**	**75,500**
State	**151,000**	**138,400**	**4.4**	**608,960**		**147,000**	**140,000**	**5.5**	**770,000**

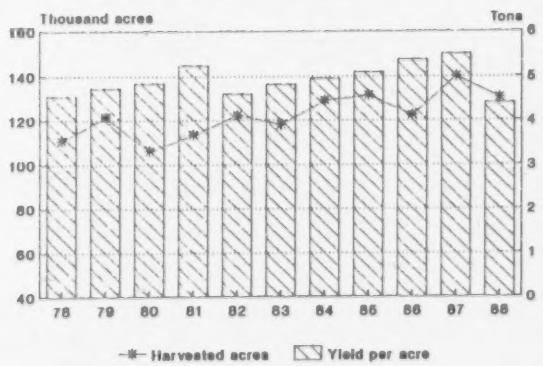
*Tied.



SWEET CORN FOR PROCESSING
Acreage, Yield, and Production Wisconsin, 1981-88

Year	Acres		Yield per acre (in husk)	Production (in husk)
	Planted	Harvested		
	Acres		Tons	Tons
1988	**151,000**	**138,400**	**4.40**	**608,960**
1987	147,000	140,000	5.50	770,000
1986	133,000	122,200	5.37	656,210
1985	136,200	131,400	5.09	668,830
1984	136,300	129,000	4.95	638,550
1983	125,800	117,900	4.82	568,280
1982	124,100	122,200	4.60	562,120
1981	120,500	113,400	5.24	594,220

WISCONSIN SWEET CORN



SNAP BEANS FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88

County	1988					1987 1/			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Barron	5,600	4,800	1.7	8,300	5	5,520	4,850	2.9	14,050
Bayfield	—	—	—	—	—	—	—	—	—
Burnett	100	100	1.5	150	51	200	150	2.3	340
Chippewa	1,050	1,000	1.9	1,850	21	1,150	1,110	2.6	2,850
Douglas	—	—	—	—	—	—	—	—	—
Polk	1,250	1,100	1.6	1,800	22	1,250	1,110	2.7	3,050
Rusk	—	—	—	—	—	—	—	—	—
Sawyer	—	—	—	—	—	—	—	—	—
Washburn	900	500	1.8	900	32	500	450	3.4	1,520
N. W. District	**8,900**	**7,500**	**1.7**	**13,000**		**8,620**	**7,670**	**2.8**	**21,810**
Ashland	—	—	—	—	—	—	—	—	—
Clark	200	200	2.4	480	39	300	300	2.5	740
Iron	—	—	—	—	—	—	—	—	—
Lincoln	300	300	2.4	720	35	450	400	2.5	980
Marathon	200	200	2.4	480	39	300	300	2.5	740
Oneida	2,400	2,300	2.8	6,520	7	1,500	1,400	4.1	5,800
Price	—	—	—	—	—	—	—	—	—
Taylor	—	—	—	—	—	—	—	—	—
Vilas	—	—	—	—	—	—	—	—	—
N. C. District	**3,100**	**3,000**	**2.7**	**8,200**		**2,550**	**2,400**	**3.4**	**8,260**
Florence	—	—	—	—	—	—	—	—	—
Forest	100	100	3.0	300	45	—	—	—	—
Langlade	1,300	1,200	2.1	2,500	16	1,910	1,720	2.9	4,910
Marinette	950	900	1.9	1,700	23	1,300	1,210	2.8	3,340
Oconto	2,700	2,400	1.9	4,520	10	3,310	2,930	3.0	8,740
Shawano	750	700	1.4	980	30	1,100	1,010	3.0	3,050
N. E. District	**5,800**	**5,300**	**1.9**	**10,000**		**7,620**	**6,870**	**2.9**	**20,040**
Buffalo	50	50	2.0	100	53	50	50	2.4	120
Dunn	650	600	1.5	920	31	600	500	2.9	1,470
Eau Claire	200	200	2.2	440	42	300	300	2.4	710
Jackson	100	100	1.4	140	52	100	100	2.4	240
La Crosse	100	100	2.8	280	46	50	50	2.4	120
Monroe	—	—	—	—	—	—	—	—	—
Pepin	300	300	2.2	660	36	400	400	2.7	1,080
Pierce	150	100	2.2	220	49	150	150	2.6	390
St. Croix	1,250	1,200	2.2	2,640	15	1,810	1,620	2.9	4,620
Trempealeau	400	350	2.6	900	32	450	450	2.4	1,080
W. C. District	**3,200**	**3,000**	**2.1**	**6,300**		**3,910**	**3,620**	**2.7**	**9,830**
Adams	3,900	3,400	3.6	12,400	3	3,920	3,840	3.5	13,460
Green Lake	2,800	2,600	2.7	7,100	6	2,700	2,700	3.7	10,100
Juneau	1,150	1,100	2.8	3,100	13	1,560	1,460	3.1	4,520
Marquette	350	300	2.8	850	34	400	350	2.5	880
Portage	18,400	18,200	3.2	58,500	1	20,100	19,600	3.5	68,280
Waupaca	850	800	2.8	2,200	20	900	710	3.3	2,360
Waushara	12,200	12,000	3.0	35,600	2	13,250	12,950	3.4	44,410
Wood	750	700	3.2	2,250	19	850	810	2.5	2,060
C. District	**40,400**	**39,100**	**3.1**	**122,000**		**43,680**	**42,420**	**3.4**	**146,070**
Brown	950	900	1.6	1,450	24	1,250	910	2.4	2,160
Calumet	350	300	1.7	500	38	400	350	2.3	790
Door	2,250	2,200	1.4	3,000	14	2,900	2,600	2.7	7,000
Fond du Lac	1,050	700	2.0	1,400	25	700	660	2.2	1,470
Kewaunee	650	600	2.2	1,300	27	700	610	2.6	1,570
Manitowoc	3,500	3,400	1.8	6,200	8	3,660	3,530	2.6	9,230
Outagamie	1,250	1,200	2.0	2,450	17	1,150	1,010	2.3	2,360
Sheboygan	1,850	1,800	1.9	3,450	12	1,960	1,820	2.6	4,720
Winnebago	150	100	2.5	250	47	100	100	2.0	200
E. C. District	**12,000**	**11,200**	**1.8**	**20,000**		**12,820**	**11,590**	**2.5**	**29,500**

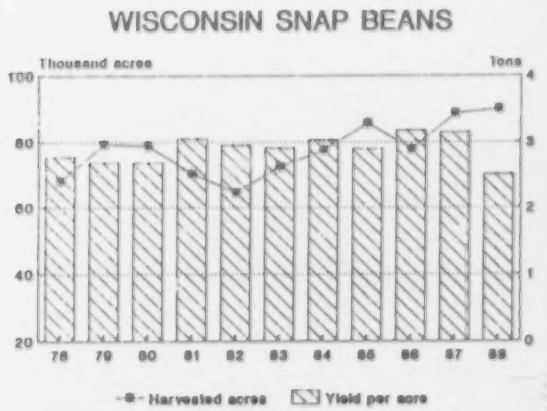
SNAP BEANS FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88, Continued

County	1988					1987 1/			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Crawford	—	—	—	—	—	—	—	—	—
Grant	100	100	2.4	240	48	100	100	2.5	250
Iowa	200	200	2.7	540	37	700	600	3.2	1,900
Lafayette	—	—	—	—	—	—	—	—	—
Richland	550	500	2.4	1,200	28	750	700	2.3	1,600
Sauk	1,850	1,800	3.0	5,420	9	1,450	1,400	2.9	4,000
Vernon	—	—	—	—	—	—	—	—	—
S. W. District	**2,700**	**2,600**	**2.8**	**7,400**		**3,000**	**2,800**	**2.8**	**7,750**
Columbia	1,500	1,300	1.9	2,430	18	2,300	2,200	3.6	8,000
Dane	450	400	1.2	460	41	750	710	2.8	1,960
Dodge	1,000	800	1.7	1,350	26	590	560	3.0	1,670
Green	2,000	1,900	2.2	4,100	11	610	610	3.2	1,960
Jefferson	150	100	1.6	160	50	150	150	2.6	390
Rock	6,000	5,700	2.1	12,000	4	6,800	6,200	3.2	19,700
S. C. District	**11,100**	**10,200**	**2.0**	**20,500**		**11,200**	**10,430**	**3.2**	**33,680**
Kenosha	—	—	—	—	—	—	—	—	—
Milwaukee	—	—	—	—	—	—	—	—	—
Ozaukee	150	150	2.5	380	44	500	500	2.8	1,420
Racine	300	250	1.6	400	43	—	—	—	—
Walworth	500	450	2.7	1,200	28	100	100	2.6	260
Washington	50	50	2.0	100	53	250	250	2.8	690
Waukesha	—	—	—	—	—	50	50	2.0	100
S. E. District	**1,000**	**900**	**2.3**	**2,080**		**900**	**900**	**2.7**	**2,470**
State	**88,200**	**82,800**	**2.5**	**209,480**		**94,300**	**88,700**	**3.2**	**279,410**

*Tied. 1/Revised.

SNAP BEANS FOR PROCESSING
Acreage, Yield, and Production Wisconsin, 1981-88

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	Acres		Tons	Tons
1988	**88,200**	**82,800**	**2.50**	**209,480**
1987	94,300	88,700	3.15	279,410
1986	88,400	77,800	3.18	247,400
1985	89,600	85,800	2.90	248,820
1984	78,800	77,600	3.03	235,130
1983	75,800	72,400	2.91	210,680
1982	66,200	64,500	2.95	190,280
1981	76,100	70,200	3.05	214,110



CROP VALUES PER ACRE: Wisconsin, 1982-88

Crop	1988	1987	1986	1985	1984	1983	1982
	Dollars per acre						
Field crops							
Corn for grain	174	237	172	234	273	306	291
Corn for silage	173	210	182	250	263	283	250
Oats	83	81	70	86	102	92	86
Barley	78	84	71	90	117	120	119
Rye	52	34	43	59	59	66	69
All wheat	128	110	127	157	177	159	142
Soybeans for beans	173	217	165	155	175	266	175
Potatoes	1,920	1,328	1,610	1,197	1,680	1,693	1,435
Tobacco, all	2,458	1,993	1,786	2,258	2,237	2,126	2,067
Type 54	2,550	2,100	1,867	2,539	2,337	2,288	2,237
Type 55	2,250	1,800	1,720	2,003	2,145	1,957	1,894
Hay, all	150	143	155	227	221	247	232
Alfalfa	166	154	164	242	235	266	253
Vegetable crops							
Onions	2,831	2,575	3,239	1,260	1,559	3,719	1,222
Lettuce	0	0	2,500	3,989	4,356	1,693	1,539
Carrots 1/	2,393	3,001	2,826	2,208	1,764	2,205	1,927
Mint for oil 2/	450	543	515	484	546	468	398
For processing							
Peas	171	302	335	371	329	292	372
Sweet corn	251	316	310	307	284	272	232
Snap beans	382	450	455	441	461	407	404
Cucumber for pickles 3/	1,290	1,309	1,200	1,156	826	-	-
Fruits							
Cranberries 4/	7,757	7,236	8,312	8,802	8,778	8,097	8,508
Strawberries	2,624	2,090	2,806	2,121	2,085	2,090	2,021

1/Includes portion processed. 2/Peppermint and spearmint. 3/Data not available in 1982 and 1983. 4/1987 season average price was used in computing value.

POTATO STOCKS: Wisconsin, 1981-88

Crop year	Production	Total Stocks					
		December 1	Following year				
			January 1	February 1	March 1	April 1	May 1
	1,000 cwt.						
1988	20,000	10,500	9,300	7,200	6,000	4,050	2,870
1987*	21,908	13,100	10,000	7,600	6,400	4,600	2,800
1986	20,125	12,000	9,000	6,800	5,400	3,400	2,300
1985	24,130	14,500	11,000	8,400	6,500	4,800	3,200
1984	21,350	11,600	9,200	7,300	5,700	3,900	2,300
1983	18,910	11,000	8,400	6,300	5,000	2,700	1,700
1982	22,575	11,500	9,400	7,500	5,430	3,430	2,080
1981	18,190	10,400	7,800	5,800	4,150	2,650	1,470

*Revised.

APPLES
Acreage, Yield, and Production, Wisconsin, 1984-88

Year	Bearing acreage 1/	Yield per acre 2/	Production
	Acres	Pounds	Million pounds
1988	6,710	6,710	45
1987	6,490	10,000	65
1986	6,260	9,270	58
1985	6,170	10,000	62
1984	6,000	8,830	53

1/Bearing acreage estimates are based primarily on periodic orchard and vineyard inventory surveys. Wisconsin's last periodic survey was in 1986. Interim years are based on U.S. Census of Agriculture data, trends in plantings and removals, county extension services data, end of season production surveys, and other available indications. 2/Yield is based on total production which includes unharvested production and fruit harvested but not sold due to marketing conditions.

TART CHERRIES
Acreage, Yield, and Production, Wisconsin, 1984-88

Year	Bearing acreage 1/	Yield per acre 2/	Production
	Acres	Pounds	Million pounds
1988	2,810	3,170	8.9
1987	2,770	5,050	14.0
1986	3,430	1,080	3.7
1985	3,430	2,480	8.5
1984	3,430	3,500	12.0

1/Bearing acreage estimates are based primarily on periodic orchard and vineyard inventory surveys. Wisconsin's last periodic survey was in 1986. Interim years are based on U.S. Census of Agriculture data, trends in plantings and removals, county extension services data, end of season production surveys, and other available indications. 2/Yield is based on total production which includes unharvested production and fruit harvested but not sold due to marketing conditions.

CUCUMBERS FOR PICKLES
Acreage, Yield, and Production, Wisconsin, 1981-88

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	Acres		Tons	Tons
1988	**6,800**	**6,800**	**6.90**	**46,920**
1987	5,800	5,700	8.03	45,770
1986	7,300	7,200	7.50	54,000
1985	7,000	6,700	9.25	61,980
1984	8,100	7,800	7.87	61,390
1983 1/	—	—	—	—
1982 1/	—	—	—	—
1981	7,200	7,100	6.74	47,850

1/Data not available in 1982 and 1983.

CARROTS
Acreage, Yield, and Production, Wisconsin, 1981-88

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	Acres		Cwt.	1,000 cwt.
1988	**4,100**	**3,200**	**405**	**1,296**
1987	3,800	3,500	500	1,750
1986	4,200	3,500	435	1,523
1985	3,600	3,300	470	1,551
1984	5,500	5,200	365	1,898
1983	3,700	3,200	465	1,488
1982	4,500	4,000	450	1,800
1981	5,000	4,500	420	1,890

LETTUCE
Acreage, Yield, and Production, Wisconsin, 1981-88

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	Acres		Cwt.	Cwt.
1988	**0**	**0**	**0**	**0**
1987	0	0	0	0
1986	650	540	290	157,000
1985	750	740	330	244,000
1984	700	700	360	252,000
1983	700	690	175	121,000
1982	1,200	1,100	190	209,000
1981	980	950	210	200,000

ONIONS
Acreage, Yield, and Production, Wisconsin, 1981-88

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	Acres		Cwt.	1,000 cwt.
1988	**1,600**	**1,300**	**270**	**351**
1987	1,400	1,200	280	336
1986	1,400	1,200	315	378
1985	1,500	1,300	335	436
1984	1,700	1,600	340	544
1983	1,700	1,600	345	552
1982	1,600	1,500	330	495
1981	1,500	1,400	325	455

CRANBERRIES
Acreage, Yield, and Production, Wisconsin, 1981-88

Year	Acres harvested	Yield per acre	Production
	Acres	Barrels	1,000 bbls.
1988	**8,300**	**174.7**	**1,450**
1987*	8,100	163.0	1,320
1986	7,900	162.0	1,280
1985	7,500	164.0	1,230
1984	7,400	162.2	1,200
1983	7,300	155.1	1,132
1982	7,200	180.6	1,300
1981	7,100	136.3	968

*Revised.

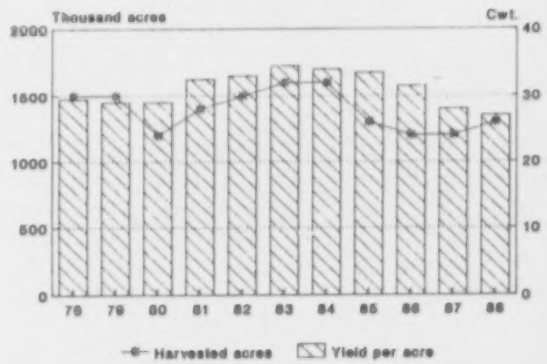
STRAWBERRIES
Acreage, Yield, and Production, Wisconsin, 1981-88

Year	Acres harvested	Yield per acre	Production
	Acres	Cwt.	Cwt.
1988	**1,000**	**41**	**41,000**
1987	1,200	37	44,000
1986	1,300	49	64,000
1985	1,400	39	55,000
1984	1,500	39	59,000
1983	1,500	38	57,000
1982	1,600	38	61,000
1981	1,600	36	58,000

MINT FOR OIL
Acreage, Yield, and Production, Wisconsin, 1981-88

Year	Acres harvested	Yield per acre	Production
	Acres	Pounds	1,000 pounds
1988	**8,900**	**21.3**	**190**
1987	8,600	37.4	322
1986	9,800	37.6	368
1985	9,300	36.2	337
1984	11,700	42.7	500
1983	11,600	42.2	489
1982	11,200	31.5	353
1981	11,300	34.7	392

WISCONSIN ONIONS



TOBACCO: Acreage, Yield, and Production, By Counties, Wisconsin, 1987-88

County	1988 1/				1987 2/		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Pounds			Acres	Pounds	
TYPE 54							
Columbia	110	2,025	222,700	5	115	2,350	270,300
Dane	1,940	2,025	3,928,000	1	2,110	2,105	4,442,000
Dodge	**	**	**	-	**	**	**
Green	**	**	**	-	**	**	**
Jefferson	40	1,925	77,000	7	40	1,990	79,600
Rock	400	2,130	852,000	3	430	2,025	870,600
Racine	**	**	**	-	**	**	**
Walworth	**	**	**	-	**	**	**
Total	**2,500**	**2,040**	**5,100,000**		**2,700**	**2,100**	**5,670,000**
TYPE 55							
Jackson	**	**	**	-	**	**	**
La Crosse	35	1,886	66,000	8	38	1,895	72,000
Monroe	55	2,000	110,000	6	60	1,805	108,300
Trempealeau	**	**	**	-	**	**	**
Crawford	170	1,600	272,000	4	260	1,690	439,300
Richland	20	1,750	35,000	9	35	1,834	64,200
Vernon	805	1,825	1,469,000	2	1,090	1,820	1,984,000
Total	**1,100**	**1,800**	**1,980,000**		**1,500**	**1,800**	**2,700,000**
State	**3,600**	**1,967**	**7,080,000**		**4,200**	**1,993**	**8,370,000**

1/Preliminary. 2/Revised. **Less than 15 acres but estimate included in totals.

TOBACCO: Acreage, Yield, and Production, Wisconsin, 1981-88

Year	All			Type 54			Type 55		
	Acres harvested	Yield per acre	Production	Acres harvested	Yield per acre	Production	Acres harvested	Yield per acre	Production
	Acres	Pounds	1,000 pounds	Acres	Pounds	1,000 pounds	Acres	Pounds	1,000 pound
1988	**3,600**	**1,967**	**7,080**	**2,500**	**2,040**	**5,100**	**1,100**	**1,800**	**1,980**
1987	4,200	1,993	8,370	2,700	2,100	5,670	1,500	1,800	2,700
1986	6,200	1,913	11,860	2,800	1,965	5,502	3,400	1,870	6,358
1985	8,200	2,192	17,978	3,900	2,465	9,614	4,300	1,945	8,364
1984	8,100	2,025	16,400	3,900	2,105	8,210	4,200	1,950	8,190
1983	8,600	1,941	16,691	4,400	2,080	9,152	4,200	1,795	7,539
1982	10,100	1,994	20,136	5,100	2,110	10,761	5,000	1,875	9,375
1981	13,700	1,924	26,353	6,400	2,150	13,760	7,300	1,725	12,593

TOBACCO, CIGAR FILLER & BINDER: Market Year Average Price Received by Farmers & Value of Production Wisconsin, Connecticut Valley, and Ohio, 1987-88

Class	Type number	Market year average price per pound received by farmers		Value of production	
		1988 1/	1987	1988 1/	1987
		Cents		1,000 dollars	
Ohio-Miami Valley-Ohio	42 - 44	**104.0**	96.0	**29**	69
Connecticut Valley Broadleaf	51	**170.0**	170.0	**3,025**	2,772
Southern Wisconsin	54	**125.0**	100.0	**6,375**	5,670
Northern Wisconsin	55	**125.0**	100.0	**2,475**	2,700
Total	51-55	**133.4**	112.3	**11,622**	11,395

1/Preliminary.

Livestock & Poultry

Wisconsin's red meat industry generated cash receipts of $1,082 million during 1988, up 2 percent from 1987. Sales of cattle and calves during 1988 totaled $851 million, 10 percent above 1987, while hog and pig sales, at $227 million, were down 20 percent. Cash receipts from sales of sheep and lambs declined 14 percent from the nearly $5 million recorded during 1987 and totaled $4.3 million in 1988.

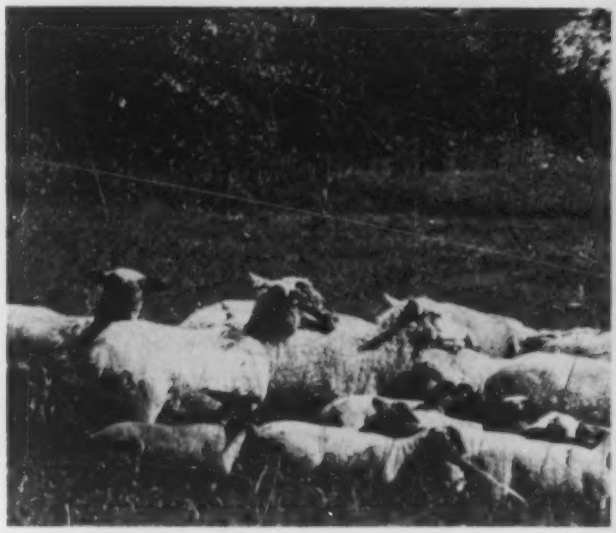
Receipts from broilers totaled $18 million in 1988, up nearly 7 percent from last year. The average price per pound increased 5 percent while production increased 2 percent. Sales of eggs declined 11 percent to $28 million due to an 11 percent decrease in the average price per dozen.

Cattle and calves on farms January 1, 1989, totaled 4,130,000 head, down 2 percent from last year. Value of these cattle in Wisconsin was $2.91 billion, 5.1 percent higher than a year earlier. The average value per head increased $50 from 1988 to 1989.

Dairy cows on hand in Wisconsin on January 1, 1989, totaled 1.74 million, down 50,000 head from a year earlier. Milk replacement heifers 500 pounds or more totaled 795,000 head, 2.6 percent above last year.

Beef cows at 150,000 head decreased 25 percent from a year ago. Beef replacement heifers 500 pounds or more totaled 30,000 head, 27 percent below last year. Heifers not for herd replacement numbered 57,000 head, a decrease of 29 percent from 1988.

Steers weighing 500 pounds or more on January 1 totaled 300,000 head, an increase of 1.7 percent. Bulls 500 pounds or more were down 3 percent from last year at 33,000 head. Steer, bull, and heifer calves under 500 pounds totaled 1,025,000 head, 1 percent above 1988. Cattle and calves on feed for the slaughter market on January 1 totaled 100,000 head, 9 percent below a year ago.



Hogs and pigs on hand December 1, 1988, at 1.275 million head, decreased 3.4 percent from a year earlier. Breeding hogs at 185,000 head were unchanged from last year while market hogs totaled 1,090,000 head, down 4 percent. Value of the total swine herd at $88 million showed a decline of 11 percent from a year ago, as the result of a $6.00 value per head decrease.

All sheep and lambs in the state January 1, 1989, totaled 84,000 head, 8 percent above a year ago. Sheep and lambs were valued at $7.4 million, up 1 percent from a year ago despite a decline in value of $6.00 per head. Stock sheep and lambs numbered 76,000 head, up 12 percent from 1988. Ewe stock sheep one year and older totaled 60,000 head, up 13 percent from last year. Lambs on feed January 1 at 8,000 head were 2,000 less than a year earlier.

NUMBER AND VALUE OF LIVESTOCK: Wisconsin, January 1, 1987-89

Class of livestock	Number			Farm value per head			Farm value		
	1989	1988	1987	1989	1988	1987	1989	1988	1987
	1,000 head			Dollars			1,000 dollars		
All cattle and calves	4,130	4,230	4,260	705.00	655.00	605.00	2,911,650	2,770,650	2,577,300
Hogs and pigs 1/ *	1,275	1,320	1,300	60.00	75.00	89.00	87,975	99,000	115,700
All sheep and lambs	84	78	83	87.50	93.50	77.00	7,350	7,293	6,391
All chickens 1/ 2/	4,060	4,330	4,453	1.70	1.70	1.80	6,902	7,361	8,015
Total value	—	—	—	n.a.	n.a.	n.a.	3,013,877	2,884,304	2,707,406

1/December 1 previous year. 2/Does not include commercial broilers. *Revised.

INDEX OF RED MEAT & POULTRY PRODUCTION
Wisconsin, 1983-88 (1977=100)

Commodity	1988	1987	1986	1985	1984	1983
Cattle & calves	**139**	147	139	119	126	116
Hogs	**107**	111	102	107	104	112
Sheep & lambs	**117**	117	100	96	87	102
Chickens 1/	**68**	48	50	43	80	76
Broilers	**129**	127	112	108	111	106
Total	**128**	133	126	117	119	115

1/Beginning 1985 includes sold only.

LIVESTOCK AND POULTRY FARMS
Wisconsin, 1980-88

Year	Cattle	Dairy	Hogs	Sheep	Chickens
	1,000 farms				
1988	**58**	**36**	**10.3**	**2.8**	**5.7**
1987	60	37	10.5	3.0	5.8
1986	62	39	11.2	3.2	5.9
1985	63	41	12.0	3.5	6.1
1984	66	43	13.5	3.7	6.3
1983	68	44	14.0	3.8	6.4
1982	69	44	15.0	3.8	6.5
1981	70	44	18.0	3.8	7.0
1980	70	45	21.0	3.6	7.5

MEAT: PER CAPITA CONSUMPTION
United States, 1974-89 1/

Year	Beef	Veal	Pork
	Retail weight in pounds		
1989	**69.9**	**1.4**	**62.7**
1988	72.7	1.4	63.1
1987	73.4	1.5	59.1
1986	78.4	1.9	58.6
1985	78.8	1.8	62.0
1984	78.1	1.8	61.5
1983	78.2	1.6	61.9
1982	76.8	1.6	58.5
1981	77.1	1.6	64.9
1980	76.4	1.5	68.0
1979	78.0	1.7	63.4
1978	87.2	2.4	55.8
1977	91.4	3.1	55.8
1976	94.2	3.2	53.6
1975	88.0	3.4	50.5
1974	85.4	1.9	61.4

Year	Lamb/mutton	Chicken	Turkey
	Retail weight in pounds		
1989	**1.4**	**67.5**	**16.9**
1988	1.4	64.1	16.2
1987	1.3	62.8	15.1
1986	1.4	58.7	13.3
1985	1.4	57.6	12.1
1984	1.5	55.2	11.3
1983	1.5	53.4	11.2
1982	1.5	52.7	10.8
1981	1.4	51.3	10.7
1980	1.4	49.7	10.5
1979	1.3	50.3	9.9
1978	1.4	46.4	9.1
1977	1.5	43.9	9.1
1976	1.6	42.4	9.1
1975	1.8	39.8	8.5
1974	2.0	40.4	8.8

1/Revised. Military purchases are now included in domestic consumption and military personnel in total population. Source: *Livestock and Poultry Situation and Outlook Report*, February 1989.

NUMBER OF LIVESTOCK
Wisconsin, January 1, 1987-89

Class of livestock	1989	1988	1987
	1,000 head		
Cows	**1,890**	1,990	2,015
Beef	**150**	200	190
Milk	**1,740**	1,790	1,825
Heifers 500 pounds and over	**882**	896	959
For beef cow replacement	**30**	41	47
For milk cow replacement	**795**	775	814
Other heifers	**57**	80	98
Steers 500 pounds and over	**300**	295	277
Bulls 500 pounds and over	**33**	34	34
Heifers, steers, and bulls under 500 pounds	**1,025**	1,015	975
All cattle and calves	**4,130**	4,230	4,260
Cattle on feed	**100**	110	120
Hogs and pigs, total 1/	**1,275**	1,320 *	1,300
Breeding	**185**	185 *	170
Market	**1,090**	1,135 *	1,130
Stock sheep and lambs	**76**	68	76
Ewes 1 year and older	**60**	53	53
Ewe lambs	**11**	10	12
Rams and wethers 1 year and older	**3**	3	4
Wether and ram lambs	**2**	2	7
Sheep and lambs on feed	**8**	10	7
All sheep and lambs	**84**	78	83
Hens and pullets of laying age	**3,200**	3,620	3,712
Other pullets	**835**	680	688
Other chickens	**25**	30	53
All chickens 1/ 2/	**4,060**	4,330	4,453

1/December 1 previous year. 2/Does not include commercial broilers. *Revised.

LIVESTOCK SLAUGHTER: By Months, Wisconsin, 1984-88

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	1,000 head 1/												
	CATTLE												
1988	**103.2**	**100.7**	**101.2**	**89.9**	**94.0**	**109.8**	**105.1**	**100.3**	**100.4**	**111.6**	**115.4**	**110.2**	**1,241.8**
1987	114.1	103.5	110.0	106.7	103.4	105.9	112.7	108.3	110.8	114.6	108.4	116.5	1,314.9
1986	122.7	98.6	107.4	123.8	117.6	114.0	128.7	115.8	119.0	129.6	115.3	135.7	1,428.3
1985	110.6	96.2	94.5	95.3	101.8	97.8	114.2	114.3	113.5	131.0	124.4	124.8	1,318.4
1984	121.7	106.2	100.8	93.1	101.3	95.4	104.0	108.0	96.1	117.1	107.9	108.0	1,259.5
	CALVES												
1988	**28.7**	**31.6**	**30.8**	**24.8**	**26.0**	**34.2**	**29.8**	**29.5**	**28.1**	**28.0**	**26.2**	**25.8**	**343.7**
1987	34.1	30.3	35.1	28.9	26.7	31.7	29.9	25.2	30.0	33.7	28.0	34.3	368.0
1986	34.1	33.9	34.5	37.7	35.5	28.6	33.2	26.7	29.5	33.6	29.6	35.2	392.2
1985	37.2	31.6	34.3	30.6	33.7	27.5	34.1	29.7	31.4	36.5	32.4	38.0	397.0
1984	36.1	35.5	40.6	31.5	34.5	29.8	35.0	36.1	29.9	38.1	37.2	32.7	416.8
	HOGS												
1988	**15.0**	**14.1**	**20.2**	**20.4**	**23.4**	**26.5**	**24.3**	**31.5**	**27.5**	**26.9**	**26.5**	**27.1**	**283.4**
1987	21.1	68.1	128.4	134.2	93.2	89.0	87.4	83.4	100.4	144.4	126.0	29.0	1,104.7
1986	186.4	168.2	188.2	177.0	180.6	150.3	155.1	161.3	182.4	204.8	155.7	152.3	2,062.3
1985	223.7	190.8	231.5	227.0	231.2	197.7	196.9	212.2	227.1	240.0	213.8	188.3	2,580.2
1984	164.1	167.4	206.3	163.4	178.4	162.3	112.3	171.2	166.4	213.0	214.2	186.0	2,104.9
	SHEEP AND LAMBS												
1988	**0.2**	**0.2**	**0.4**	**0.5**	**0.4**	**.8**	**0.9**	**1.7**	**1.2**	**0.9**	**1.0**	**0.7**	**9.0**
1987	0.3	0.3	0.2	0.6	0.2	0.5	0.8	1.2	1.0	0.9	0.6	0.5	6.9
1986	0.3	0.2	0.3	0.5	0.4	0.4	0.9	1.2	1.2	0.9	0.6	0.5	7.5
1985	0.5	0.3	0.3	0.7	0.5	0.6	1.2	1.3	1.2	1.0	0.7	0.6	9.0
1984	0.7	0.7	0.4	0.9	0.5	0.7	1.2	1.6	1.5	1.4	0.8	0.9	11.3
	Million pounds liveweight 1/												
	CATTLE												
1988	**123.4**	**119.8**	**120.9**	**106.4**	**112.3**	**128.6**	**122.5**	**117.1**	**117.0**	**130.4**	**135.0**	**130.3**	**1,463.8**
1987	133.2	114.0	130.0	127.8	124.5	127.5	133.2	127.9	132.7	134.1	128.6	138.1	1,551.4
1986	144.0	115.6	127.2	142.9	136.7	135.0	150.7	135.7	139.9	149.1	135.1	158.5	1,670.4
1985	128.0	112.4	109.6	110.9	120.2	115.4	136.7	136.3	136.9	157.9	146.5	145.7	1,556.5
1984	144.7	126.0	121.5	109.7	118.9	112.9	122.0	123.2	109.9	133.5	125.2	124.1	1,471.4
	CALVES												
1988	**8.0**	**8.9**	**9.0**	**7.4**	**7.6**	**9.0**	**7.9**	**8.0**	**8.4**	**8.6**	**7.9**	**7.2**	**97.9**
1987	8.6	7.9	8.8	7.3	7.1	8.2	7.9	6.5	8.3	9.2	7.4	8.6	95.8
1986	7.9	7.8	7.8	8.3	8.5	6.8	8.2	6.7	8.1	9.1	6.8	8.3	94.3
1985	9.1	7.5	7.7	7.1	7.9	6.7	7.8	7.2	7.2	8.2	7.5	8.6	92.4
1984	8.9	8.5	9.7	7.5	8.8	7.8	8.5	8.6	7.5	9.8	8.8	7.9	102.4
	HOGS												
1988	**5.3**	**5.1**	**7.6**	**7.9**	**8.9**	**10.1**	**9.0**	**11.9**	**10.4**	**10.2**	**10.2**	**10.2**	**106.8**
1987	5.9	18.1	32.6	34.5	24.4	23.8	23.3	21.8	25.8	37.5	32.0	8.1	288.0
1986	45.3	40.6	45.9	44.6	45.7	38.1	39.0	41.1	44.7	50.9	38.9	38.4	513.1
1985	54.2	45.8	56.1	56.0	59.1	49.5	48.5	52.1	54.7	58.2	51.8	45.5	613.5
1984	39.3	40.8	49.9	40.5	45.8	42.1	28.4	42.5	40.1	51.9	52.1	44.9	518.3
	SHEEP AND LAMBS 2/												
1988	**28**	**26**	**51**	**59**	**42**	**89**	**99**	**193**	**138**	**97**	**115**	**78**	**1,015**
1987	31	29	17	66	27	51	85	132	112	94	65	56	767
1986	35	22	34	56	45	42	99	124	123	92	67	57	795
1985	47	28	30	72	55	63	126	141	131	104	66	65	927
1984	70	70	35	85	53	74	115	164	150	134	82	87	1,121

1/Months will not necessarily add to total due to rounding. 2/Thousand pounds.

CATTLE AND CALVES: Number on Farms and Value, Wisconsin, January 1, 1982-89

Year	All cattle and calves			Kept for milk		Kept for beef		Other cattle			
	Number	Farm value		Cows	Heifers 500 pounds & over for replacement	Cows	Beef heifers 500 pounds & over for replacement	Other heifers 500 pounds & over	Steers 500 pounds & over	Bulls 500 pounds & over	Calves under 500 pounds
		Per head	Total								
	1,000 head	Dollars	1,000 dollars	1,000 head							
1989	**4,130**	**705**	**2,911,650**	**1,740**	**795**	**150**	**30**	**57**	**300**	**33**	**1,025**
1988	4,230	655	2,770,650	1,790	775	200	41	80	295	34	1,015
1987	4,260	605	2,577,300	1,825	814	190	47	98	277	34	975
1986	4,280	570	2,439,600	1,892	847	184	47	90	265	43	912
1985	4,440	600	2,664,000	1,837	835	230	65	92	319	42	1,020
1984	4,350	575	2,501,250	1,850	810	195	52	87	304	43	1,009
1983	4,400	655	2,882,000	1,840	774	220	48	88	349	44	1,037
1982	4,450	690	3,070,500	1,830	783	257	53	80	334	45	1,068

CATTLE AND CALVES: Production, Disposition, and Income, Wisconsin, 1981-89

Year	All cattle and calves January 1	Calves born	In-shipments	Marketings		Slaughter on farms	Deaths	
				Cattle	Calves	Cattle and calves	Cattle	Calves
	1,000 head							
1989	**4,130**							
1988	4,230	1,910	40	1,061	670	9	70	240
1987	4,260	1,940	50	1,023	680	12	80	225
1986	4,280	2,000	42	1,003	717	17	90	235
1985	4,440	2,005	105	890	1,029	26	85	240
1984	4,350	2,020	110	767	917	21	85	250
1983	4,400	1,980	100	767	980	23	90	270
1982	4,450	2,000	100	796	959	18	87	290
1981	4,550	2,020	115	849	1,001	20	85	280

Year	Production	Marketings	Price per 100 pounds		Cash receipts	Value of home consumption	Gross income
			Cattle	Calves			
	1,000 pounds		Dollars		1,000 dollars		
1988	**1,280,095**	**1,382,590**	**53.70**	**124.00**	**850,632**	**18,294**	**868,926**
1987	1,354,895	1,339,965	50.80	108.00	770,046	19,160	789,206
1986	1,275,780	1,317,495	42.90	85.70	635,699	21,985	657,684
1985	1,090,110	1,249,570	43.10	85.70	639,215	29,671	668,886
1984	1,156,225	1,084,785	47.40	90.80	611,528	29,285	640,813
1983	1,063,960	1,104,470	46.40	97.90	628,370	26,972	655,342
1982	1,094,405	1,140,145	48.90	92.50	655,633	24,735	680,368
1981	1,159,080	1,213,430	50.70	103.00	735,410	28,709	764,119

ALL CATTLE AND CALVES: By Counties, Wisconsin, January 1, 1988-89

County	1989	Rank	1988
	Number		Number
Barron	91,300	16	92,900
Bayfield	11,500	61	11,900
Burnett	14,300	60	14,400
Chippewa	102,800	11	104,400
Douglas	8,300	63	8,600
Polk	69,600	26	70,500
Rusk	33,700	47	34,500
Sawyer	8,100	64	8,300
Washburn	14,400	59	14,500
N. W. District	**354,000**		**360,000**
Ashland	7,500	65	7,400
Clark	133,200	5	135,400
Iron	1,600	68	1,800
Lincoln	21,000	53	21,600
Marathon	153,500	3	156,000
Oneida	900	69	900
Price	15,100	58	15,400
Taylor	61,000	32	63,300
Vilas	200	72	200
N. C. District	**394,000**		**402,000**
Florence	2,500	67	2,700
Forest	5,400	66	5,700
Langlade	22,700	51	23,100
Marinette	34,300	46	35,500
Oconto	57,800	34	59,500
Shawano	97,300	15	100,500
N. E. District	**220,000**		**227,000**
Buffalo	78,500	22	80,400
Dunn	91,000	17 *	94,300
Eau Claire	46,200	39	47,300
Jackson	41,600	43	42,500
La Crosse	45,700	40	47,000
Monroe	82,400	21	84,300
Pepin	25,600	49	25,900
Pierce	68,700	27	68,800
St Croix	84,300	20	85,700
Trempealeau	91,000	17 *	90,800
W. C. District	**655,000**		**667,000**
Adams	10,800	62	11,200
Green Lake	38,800	44	40,700
Juneau	35,800	45	37,100
Marquette	20,800	54	21,200
Portage	42,500	42	43,100
Waupaca	70,300	25	71,000
Waushara	24,700	50	25,700
Wood	52,300	36	53,000
C. District	**296,000**		**303,000**
Brown	85,600	19	88,200
Calumet	60,900	33	62,700
Door	28,500	48	29,300
Fond du Lac	112,700	8	116,300
Kewaunee	61,200	31	63,000
Manitowoc	97,400	14	101,600
Outagamie	97,500	13	100,400
Sheboygan	61,600	30	63,500
Winnebago	44,600	41	45,000
E. C. District	**650,000**		**670,000**

County	1989	Rank	1988
	Number		Number
Crawford	53,200	35	54,400
Grant	210,500	1	213,600
Iowa	115,000	7	119,100
Lafayette	121,000	6	124,900
Richland	62,700	29	67,200
Sauk	98,600	12	99,200
Vernon	105,000	10	106,600
S. W. District	**766,000**		**783,000**
Columbia	72,500	23	73,000
Dane	156,300	2	161,200
Dodge	146,600	4	152,000
Green	109,400	9	113,600
Jefferson	63,500	28	64,400
Rock	71,700	24	73,800
S. C. District	**620,000**		**638,000**
Kenosha	16,700	57	17,300
Milwaukee	400	70	400
Ozaukee	20,600	55	20,900
Racine	18,200	56	18,300
Walworth	49,000	37 *	51,200
Washington	49,000	37 *	50,600
Waukesha	21,100	52	21,300
S. E. District	**175,000**		**180,000**
State	**4,130,000**		**4,230,000**

*Tied.

BEEF COWS: By Counties, Wisconsin, January 1, 1988-89

County	1989	Rank	1988
	Number		Number
Barron	1,900	27	2,700
Bayfield	600	60 *	800
Burnett	1,000	47 *	1,200
Chippewa	2,200	23	3,600
Douglas	1,800	28	2,200
Polk	2,800	19 *	3,600
Rusk	900	50 *	1,300
Sawyer	800	54	1,200
Washburn	1,600	29 *	2,300
N. W. District	**13,600**		**18,900**
Ashland	500	64 *	500
Clark	2,300	21 *	3,000
Iron	50	72	50
Lincoln	700	55 *	900
Marathon	3,100	17	4,900
Oneida	150	68	150
Price	900	50 *	1,000
Taylor	1,100	40 *	1,300
Vilas	100	69 *	200
N. C. District	**8,900**		**12,000**
Florence	200	67	300
Forest	400	66	700
Langlade	600	60 *	900
Marinette	1,100	40 *	1,600
Oconto	1,200	37 *	1,800
Shawano	1,600	29 *	2,000
N. E. District	**5,100**		**7,300**
Buffalo	4,000	7 *	5,200
Dunn	3,200	16	4,500
Eau Claire	2,100	24	2,900
Jackson	1,400	34 *	1,800
La Crosse	2,800	19 *	3,600
Monroe	3,400	15	4,400
Pepin	1,200	37 *	1,700
Pierce	4,300	5	5,600
St Croix	4,000	7 *	5,100
Trempealeau	4,200	6	5,300
W. C. District	**30,600**		**40,100**
Adams	1,000	47 *	1,100
Green Lake	1,100	40 *	1,100
Juneau	1,600	29 *	2,100
Marquette	1,100	40 *	1,400
Portage	2,000	25 *	2,500
Waupaca	1,300	36	1,700
Waushara	700	55 *	1,100
Wood	1,600	29 *	2,100
C. District	**10,400**		**13,100**
Brown	1,100	40 *	1,400
Calumet	600	60 *	900
Door	700	55	1,100
Fond du Lac	1,500	33	2,300
Kewaunee	600	60 *	800
Manitowoc	1,000	47 *	1,400
Outagamie	1,200	37 *	1,500
Sheboygan	1,100	40 *	1,500
Winnebago	900	50 *	1,100
E. C. District	**8,700**		**12,000**
Crawford	3,900	9 *	4,900
Grant	16,800	1	21,400
Iowa	8,600	2	10,600
Lafayette	7,600	3	9,000
Richland	3,500	14	4,800
Sauk	4,400	4	6,500
Vernon	3,800	11 *	4,900
S. W. District	**48,600**		**62,100**
Columbia	3,900	9 *	4,700
Dane	3,800	11 *	5,900
Dodge	2,300	21 *	3,400
Green	3,000	18	4,700
Jefferson	2,000	25 *	3,000
Rock	3,700	13	4,300
S. C. District	**18,700**		**26,000**
Kenosha	700	55 *	900
Milwaukee	100	69 *	200
Ozaukee	500	64 *	700
Racine	700	55 *	1,000
Walworth	1,400	34 *	2,500
Washington	1,100	40 *	1,700
Waukesha	900	50 *	1,500
S. E. District	**5,400**		**8,500**
State	**150,000**		**200,000**

*Tied.

CALF CROP: By Counties, Wisconsin, 1987-88

County	1988	Rank	1987 1/
	Number		Number
Barron	48,900	10	49,200
Bayfield	5,400	61	5,600
Burnett	6,900	59	7,100
Chippewa	55,200	6	56,900
Douglas	3,300	65	3,600
Polk	35,400	23	35,800
Rusk	18,800	44	18,900
Sawyer	4,000	63	4,100
Washburn	7,600	58	7,900
N. W. District	**185,500**		**189,100**
Ashland	3,900	64	4,000
Clark	68,100	3	68,400
Iron	400	68 *	500
Lincoln	10,700	53	11,100
Marathon	78,900	2	79,500
Oneida	300	70	400
Price	8,000	57	8,300
Taylor	28,000	33	28,100
Vilas	200	72	200
N. C. District	**198,500**		**200,500**
Florence	1,000	67	1,100
Forest	1,900	66	2,000
Langlade	11,500	50	11,800
Marinette	15,700	46	16,000
Oconto	28,600	30	29,300
Shawano	49,300	9	50,900
N. E. District	**108,000**		**111,100**
Buffalo	34,100	24	34,200
Dunn	43,900	16	44,500
Eau Claire	22,200	38 *	22,400
Jackson	19,300	42	19,500
La Crosse	19,700	41	20,400
Monroe	40,900	19	41,000
Pepin	11,900	49	12,100
Pierce	30,300	28	31,200
St Croix	39,100	21	39,500
Trempealeau	41,900	18	42,300
W. C. District	**303,300**		**307,100**
Adams	4,100	62	4,500
Green Lake	14,400	48	14,900
Juneau	16,900	45	17,000
Marquette	8,800	55	9,200
Portage	19,000	43	19,500
Waupaca	36,700	22	36,900
Waushara	10,400	54	10,700
Wood	27,600	34	27,800
C. District	**137,900**		**140,500**
Brown	40,300	20	40,400
Calumet	31,600	25	31,900
Door	14,900	47	14,900
Fond du Lac	53,900	7	53,900
Kewaunee	31,200	26 *	31,100
Manitowoc	47,800	13	47,700
Outagamie	48,100	12	48,700
Sheboygan	31,200	26 *	31,100
Winnebago	22,200	38 *	22,500
E. C. District	**321,200**		**322,200**

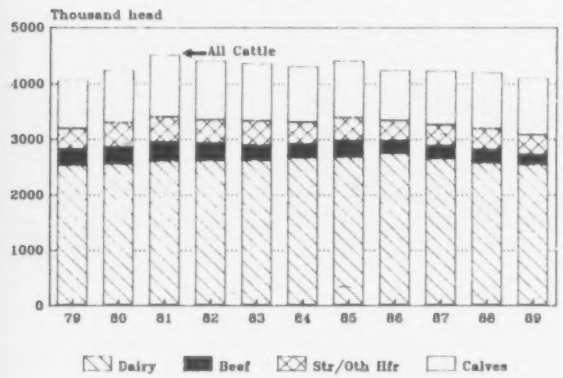
County	1988	Rank	1987 1/
	Number		Number
Crawford	22,600	37	23,400
Grant	80,300	1	82,000
Iowa	46,200	15	47,800
Lafayette	48,600	11	49,000
Richland	28,500	31 *	29,200
Sauk	42,000	17	42,800
Vernon	47,500	14	48,200
S. W. District	**315,700**		**322,400**
Columbia	29,000	29	29,700
Dane	65,100	4	66,300
Dodge	58,600	5	59,200
Green	49,600	8	50,800
Jefferson	28,500	31 *	29,000
Rock	26,100	35	27,300
S. C. District	**256,900**		**262,300**
Kenosha	6,600	60	6,800
Milwaukee	400	68 *	500
Ozaukee	10,900	52	11,100
Racine	8,600	56	8,700
Walworth	20,000	40	20,300
Washington	25,100	36	25,600
Waukesha	11,400	51	11,800
S. E. District	**83,000**		**84,800**
State	**1,910,000**		**1,940,000**

*Tied. 1/Revised.

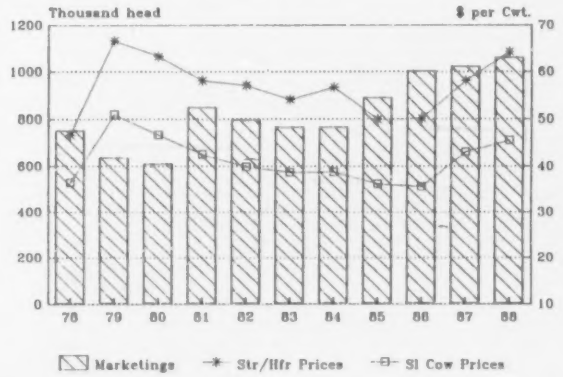
CATTLE AND CALVES: January 1 Inventory, Wisconsin, 1979-89

Year	All cattle and calves	Beef cows		Beef heifers		Milk cows		Dairy heifers	
		Number	Percent of all cattle	Number	Percent of beef cows	Number	Percent of all cattle	Number	Percent of milk cows
	1,000 head	1,000 head	Percent	1,000 head	Percent	1,000 head	Percent	1,000 head	Percent
1989	**4,130**	**150**	**3.6**	**30**	**20.0**	**1,740**	**42.1**	**795**	**45.7**
1988	4,230	200	4.7	41	20.5	1,790	42.3	775	43.3
1987	4,260	190	4.5	47	24.7	1,825	42.8	814	44.6
1986	4,280	184	4.3	47	25.5	1,892	44.2	847	44.8
1985	4,440	230	5.2	65	28.3	1,837	41.4	835	45.5
1984	4,350	195	4.5	52	26.7	1,850	42.5	810	43.8
1983	4,400	220	5.0	48	21.8	1,840	41.8	774	42.1
1982	4,450	257	5.8	53	20.6	1,830	41.1	783	42.8
1981	4,550	279	6.1	63	22.6	1,820	40.0	780	42.9
1980	4,280	248	5.8	55	22.2	1,813	42.4	735	40.5
1979	4,100	227	5.5	62	27.3	1,811	44.2	713	39.4

WISCONSIN CATTLE INVENTORY, JANUARY 1



WISCONSIN CATTLE MARKETINGS & PRICES



HOGS: December 1 Inventory, Wisconsin, 1979-88

Year	Breeding	% change from previous year	Market	% change from previous year	All hogs	% change from previous year	Value per head
	1,000 head	Percent	1,000 head	Percent	1,000 head	Percent	Dollars
1988	**185**	**n.c.**	**1,090**	**- 4**	**1,275**	**- 3**	**69.00**
1987*	185	+ 9	1,135	n.c.	1,320	+ 2	75.00
1986	170	n.c.	1,130	+ 5	1,300	+ 4	89.00
1985	170	- 10	1,080	- 3	1,250	- 4	67.00
1984	189	- 2	1,111	+ 2	1,300	+ 2	76.50
1983	192	- 10	1,088	+ 8	1,280	+ 5	54.50
1982	214	- 5	1,006	- 13	1,220	- 12	85.00
1981	225	- 16	1,155	- 18	1,380	- 18	64.50
1980	269	- 15	1,411	- 7	1,680	- 9	71.00
1979	315	+ 3	1,515	+ 13	1,830	+ 11	53.00

*Revised.

HOGS: Breeding Herd, United States, 1984-88

Year	March	June	September	December
	Million head			
1988	**7.12**	**7.53**	**7.26**	**7.04**
1987*	-	7.04	-	7.15
1986	-	6.42	-	6.67
1985	-	7.00	-	6.78
1984	-	7.40	-	6.93

*Revised.

ALL HOGS AND PIGS: By Counties, Wisconsin, December 1, 1987-88

County	1988	Rank	1987 1/
	Number		Number
Barron	7,300	36 *	8,100
Bayfield	300	63 *	300
Burnett	2,400	54	2,800
Chippewa	3,000	51 *	3,400
Douglas	300	63 *	300
Polk	8,000	33	8,800
Rusk	1,300	58	1,400
Sawyer	1,400	57	1,600
Washburn	1,000	60 *	1,300
N. W. District	**25,000**		**28,000**
Ashland	200	66	200
Clark	9,700	29 *	10,200
Iron	-	70 *	-
Lincoln	1,100	59	1,200
Marathon	7,300	36 *	8,400
Oneida	700	62	800
Price	100	68	100
Taylor	1,900	55	2,100
Vilas	-	-	-
N. C. District	**21,000**		**23,000**
Florence	50	69	50
Forest	150	67	150
Langlade	300	63 *	400
Marinette	3,100	50	3,600
Oconto	7,300	36 *	7,000
Shawano	7,100	40	7,800
N. E. District	**18,000**		**19,000**
Buffalo	18,700	20	19,800
Dunn	20,000	19	20,900
Eau Claire	3,000	51 *	3,100
Jackson	6,600	42 *	7,400
La Crosse	28,000	11	28,900
Monroe	6,600	42 *	7,300
Pepin	5,900	45	5,800
Pierce	25,200	15	26,900
St. Croix	18,100	21	19,700
Trempealeau	20,900	18	20,200
W. C. District	**153,000**		**160,000**
Adams	2,900	53	2,900
Green Lake	17,800	22	18,300
Juneau	6,800	41	7,000
Marquette	13,400	25	13,800
Portage	10,500	27	10,700
Waupaca	9,800	28	10,100
Waushara	5,500	48 *	5,700
Wood	7,300	36 *	7,500
C. District	**74,000**		**76,000**
Brown	6,600	42 *	7,300
Calumet	5,500	48 *	6,000
Door	1,700	56	1,800
Fond du Lac	28,100	10	30,500
Kewaunee	7,700	34	7,900
Manitowoc	16,300	23	17,600
Outagamie	27,500	13	28,900
Sheboygan	13,200	26	14,600
Winnebago	7,400	35	8,400
E. C. District	**114,000**		**123,000**

County	1988	Rank	1987 1/
	Number		Number
Crawford	21,800	16	22,800
Grant	189,000	1	194,700
Iowa	37,000	9	39,700
Lafayette	85,900	3	88,400
Richland	21,000	17	22,700
Sauk	76,800	4	77,000
Vernon	9,500	31	9,700
S. W. District	**441,000**		**455,000**
Columbia	63,000	7	62,700
Dane	87,000	2	87,200
Dodge	68,300	6	70,100
Green	69,100	5	73,900
Jefferson	26,800	14	26,700
Rock	41,800	8	42,400
S. C. District	**356,000**		**363,000**
Kenosha	8,300	32	8,700
Milwaukee	1,000	60 *	900
Ozaukee	5,600	47	6,000
Racine	15,000	24	14,700
Walworth	27,600	12	27,200
Washington	9,700	29 *	10,400
Waukesha	5,800	46	5,100
S. E. District	**73,000**		**73,000**
State	**1,275,000**		**1,320,000**

* Tied. 1/Revised.

HOGS: Feeding and Breeding Shipped Out of Wisconsin, 1983-88 1/

State	1988	1987	1986	1985	1984	1983
			Number			
Maine	-	-	-	550	-	-
New Jersey	3,284	76	-	-	-	-
Massachusetts	600	1,201	955	3,080	6,058	620
New York	-	-	-	-	-	1,260
Pennsylvania	513	744	523	234	326	753
Ohio	14,946	18,021	33,790	31,331	26,799	40,994
Indiana	8,420	14,128	14,966	14,169	15,468	29,168
Illinois	85,147	87,738	74,357	123,873	77,890	95,233
Michigan	5,402	12,768	8,392	18,024	31,264	38,449
Minnesota	37,063	24,057	16,755	21,867	34,041	36,047
Iowa	73,804	69,336	62,706	92,912	136,006	143,799
Missouri	167	185	155	272	242	346
North Dakota	349	54	16	53	31	37
South Dakota	3,330	3,056	3,561	2,786	8,499	13,019
Nebraska	4,700	521	421	1,636	5,830	3,903
Kansas	312	257	50	12	38	-
Delaware	-	-	2	-	2	-
Maryland	387	210	-	-	-	13
Virginia	-	13	-	-	-	-
North Carolina	241	718	940	181	307	2,568
South Carolina	8	-	5	11	1	-
Georgia	6	-	2	-	22	50
Florida	-	-	113	-	-	-
Kentucky	5,859	7,448	8,467	8,249	8,110	8,442
Tennessee	36	64	97	37	45	50
Alabama	13	-	-	-	606	-
Mississippi	12	19	8	-	-	15
Arkansas	557	2	-	30	72	-
Oklahoma	66	92	48	87	29	11
Texas	119	179	127	229	185	69
Louisiana	2	-	-	-	-	-
Utah	-	2	-	-	-	-
Montana	590	369	379	44	10	-
Wyoming	18	31	13	18	-	-
Colorado	17	722	-	4	-	600
Arizona	38	-	-	20	2	62
Washington	-	-	-	-	3	-
California	63	411	-	31	34	36
Idaho	-	-	-	-	25	-
Oregon	54	2	-	-	-	-
Nevada	1	-	-	-	-	-
Alaska	-	-	9	1	-	-
United States	246,124	242,424	226,857	319,741	351,945	415,544
Outside United States	1,173	2,055	3,321	4,285	1,827	3,047
Total	247,297	244,479	230,178	324,026	353,772	418,591

1/Permits issued by the Division of Animal Health, Wisconsin Department of Agriculture, Trade and Consumer Protection, almost entirely for feeding.

HOGS: Feeding and Breeding Shipped Out of Wisconsin, By Months, 1981-88 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
							1,000 head						
1988	20.5	20.3	20.0	20.4	20.3	19.9	17.0	17.8	23.4	20.7	24.1	22.7	247.3
1987	19.0	17.7	21.0	20.1	19.8	20.5	23.0	20.3	19.7	22.1	22.4	18.9	244.5
1986	19.8	15.9	19.5	17.2	16.0	17.8	16.0	21.4	23.7	23.7	18.7	20.7	230.2
1985	32.1	66.6	20.3	20.2	24.8	25.5	20.3	21.2	19.7	26.8	24.0	22.7	324.0
1984	35.9	26.5	28.3	28.3	30.3	39.9	30.5	30.3	27.5	32.2	25.3	18.9	353.8
1983	42.0	32.4	34.7	36.7	31.3	47.3	32.6	27.7	26.3	30.3	41.5	35.9	418.6
1982	38.4	35.9	32.1	39.5	36.8	36.8	85.4	44.8	35.5	51.4	53.8	52.7	543.1
1981	50.2	29.6	28.6	47.0	46.8	44.6	41.4	38.4	45.5	41.6	46.7	37.3	497.6

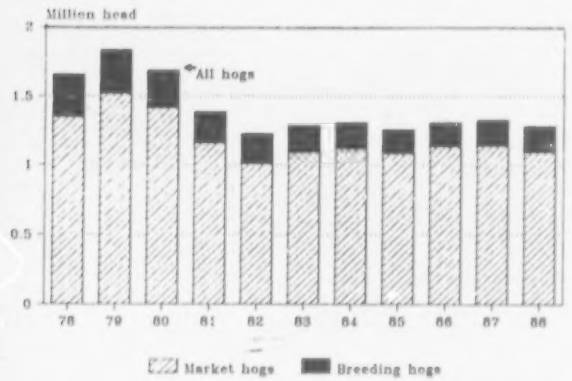
1/Permits issued by the Division of Animal Health, Wisconsin Department of Agriculture, Trade and Consumer Protection, primarily for feeding. Months will not necessarily add to annual total due to rounding.

HOGS: Number on Farms and Value, Wisconsin, December 1, 1981-88

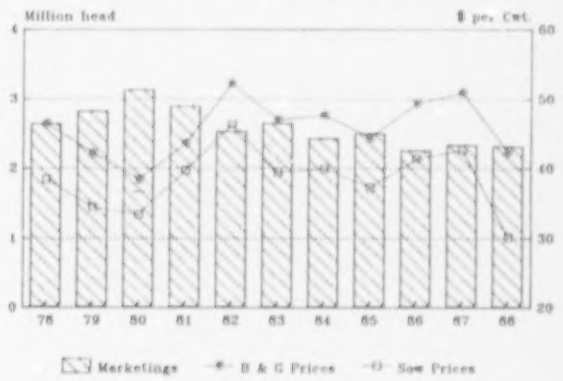
Year	All hogs and pigs	Farm value		Breeding hogs	Market hogs			
		Per head	Total		< 60 lbs	60-119 lbs	120-179 lbs	180+ lbs
	1,000 head	Dollars	1,000 dollars	1,000 head				
1988	**1,275**	**69.00**	**87,975**	**185**	**415**	**273**	**229**	**173**
1987*	1,320	75.00	99,000	185	445	270	225	195
1986	1,300	89.00	115,700	170	430	272	227	201
1985	1,250	67.00	83,750	170	435	270	200	175
1984	1,300	76.50	99,450	189	478	272	200	161
1983	1,280	54.50	69,760	192	496	262	184	146
1982	1,220	85.00	103,700	214	473	247	165	121
1981	1,380	64.50	89,010	225	502	293	200	160

*Revised.

WISCONSIN HOG INVENTORY, DECEMBER 1



WISCONSIN HOG MARKETINGS & PRICES



HOGS: Production, Disposition, and Income, Wisconsin, 1981-88

Year	All hogs December 1 previous year	Spring pig crop		Fall pig crop		Inshipments	Marketings	Slaughter on farms	Deaths
		Sows farrowing	Pigs saved	Sows farrowing	Pigs saved				
	1,000 head								
1988	**1,320**	**157**	**1,216**	**155**	**1,161**	**12**	**2,308**	**6**	**120**
1987*	1,300	160	1,232	155	1,194	12	2,327	6	85
1986	1,250	160	1,232	150	1,140	24	2,248	8	90
1985	1,300	165	1,320	149	1,177	42	2,491	8	90
1984	1,280	170	1,275	160	1,232	31	2,423	10	85
1983	1,220	190	1,463	170	1,309	35	2,642	15	90
1982	1,380	160	1,232	160	1,248	34	2,524	20	130
1981	1,680	185	1,408	177	1,349	28	2,893	35	157

Year	Production	Marketings	Price per 100 pounds	Cash receipts	Value of home consumption	Gross income	All hogs December 1 current year
	1,000 pounds		Dollars	1,000 dollars			1,000 head
1988	**547,441**	**549,142**	**40.80**	**226,892**	**1,726**	**228,618**	**1,275**
1987*	563,475	558,166	50.10	284,202	1,413	285,615	1,320
1986	518,778	507,398	48.30	249,898	1,816	251,714	1,300
1985	546,158	550,385	43.20	242,527	1,590	244,117	1,250
1984	531,093	522,830	46.50	248,503	2,139	250,642	1,300
1983	570,785	563,034	45.60	262,417	2,753	265,170	1,280
1982	496,180	514,660	51.00	275,177	4,692	279,869	1,220
1981	568,668	594,079	43.10	264,122	6,072	270,194	1,380

*Revised.

SHEEP AND LAMBS: Production, Disposition, and Income, Wisconsin, 1981-89

Year	All sheep and lambs January 1	Lambs saved		Inshipments	Marketings		Slaughter on farms	Deaths	
		Number	Percent of ewes 1 year and older	Sheep and lambs	Sheep	Lambs	Sheep and lambs	Sheep	Lambs
	1,000 head		Percent	1,000 head					
1989	**84**								
1988	78	75	142	2	3	57	0	3	8
1987	83	78	147	2	16	55	1	5	8
1986	75	78	150	4	5	54	1	5	9
1985	81	76	149	1	4	63	1	6	9
1984	80	73	133	3	8	52	1	6	8
1983	99	81	119	5	19	68	1	7	10
1982	125	105	130	4	25	82	1	13	14
1981	127	119	145	7	13	90	1	12	12

Year	Production	Marketings	Price per 100 pounds		Cash receipts	Value of home consumption	Gross income
			Sheep	Lambs			
	1,000 pounds		Dollars		1,000 dollars		
1988	**7,630**	**6,861**	**18.20**	**65.20**	**4,276**	**0**	**4,276**
1987	7,639	8,206	24.50	74.10	4,970	185	5,155
1986	6,518	5,902	21.10	68.30	3,771	148	3,919
1985	6,251	6,697	16.40	68.90	4,383	146	4,529
1984	5,694	5,745	11.10	63.40	3,094	147	3,241
1983	6,674	9,231	11.00	55.00	3,948	167	4,115
1982	7,601	10,848	13.70	54.00	4,657	189	4,846
1981	9,605	9,985	17.00	54.00	4,839	189	5,028

SHEEP AND LAMBS: Number on Farms and Value, Wisconsin, January 1, 1981-89

Year	All sheep and lambs			Sheep and lambs on feed	Stock sheep and lambs					
	Number	Farm value			Total	One year and over		Lambs		
		Per head	Total			Ewes	Wethers and rams	All lambs	Ewes	Wethers and rams
	1,000 head	Dollars	1,000 dollars	1,000 head	1,000 head					
1989	**84**	**87.50**	**7,350**	**8**	**76**	**60**	**3**	**13**	**11**	**2**
1988	78	93.50	7,293	10	68	53	3	12	10	2
1987	83	77.00	6,391	7	76	53	4	19	12	7
1986	75	70.00	5,250	11	64	52	4	8	6	2
1985	81	68.00	5,508	15	66	51	5	10	8	2
1984	80	57.00	4,560	10	70	55	4	11	8	3
1983	99	54.00	5,346	14	85	68	4	13	11	2
1982	125	64.00	8,000	15	110	81	5	24	20	4
1981	127	85.00	10,795	16	111	82	5	24	21	3

WOOL PRODUCTION: Wisconsin, 1981-88

Year	Number of sheep shorn	Weight per fleece	Total production
	1,000 head	Pounds	1,000 pounds
1988	**94**	**7.5**	**705**
1987	92	7.6	695
1986	93	7.2	672
1985	93	7.3	683
1984	100	7.3	734
1983	107	7.5	803
1982	101	7.5	760
1981	118	7.5	880

WOOL VALUE: Wisconsin, 1981-88

Year	Total production	Price per pound	Farm value
	1,000 pounds	Cents	1,000 dollars
1988	**705**	**77**	**543**
1987	695	57	396
1986	672	44	296
1985	683	43	294
1984	734	54	396
1983	803	39	313
1982	760	44	334
1981	880	69	607

STOCK SHEEP: By Counties, Wisconsin, January 1, 1988-89

County	1989	Rank	1988
	Number		Number
Barron	1,200	23 *	1,000
Bayfield	200	57 *	100
Burnett	600	39 *	400
Chippewa	1,400	19 *	1,100
Douglas	350	51 *	300
Polk	1,700	12	1,300
Rusk	150	64	100
Sawyer	500	43 *	400
Washburn	500	43 *	400
N. W. District	**6,600**		**5,100**
Ashland	100	65 *	50
Clark	1,500	16 *	1,300
Iron	50	68 *	50
Lincoln	200	57 *	200
Marathon	1,600	13 *	1,100
Oneida	50	68 *	50
Price	200	57 *	100
Taylor	300	53 *	250
Vilas	—	—	—
N. C. District	**4,000**		**3,100**
Florence	100	65 *	50
Forest	50	68 *	50
Langlade	200	57 *	150
Marinette	200	57 *	150
Oconto	450	47 *	300
Shawano	400	49 *	300
N. E. District	**1,400**		**1,000**
Buffalo	1,000	26 *	800
Dunn	1,600	13 *	1,200
Eau Claire	500	43 *	600
Jackson	1,300	21 *	1,200
La Crosse	800	34 *	600
Monroe	1,000	26 *	900
Pepin	200	57 *	200
Pierce	2,700	7	2,700
St Croix	1,900	11	1,700
Trempealeau	1,500	16 *	1,500
W. C. District	**12,500**		**11,400**
Adams	200	57 *	200
Green Lake	1,000	26 *	800
Juneau	800	34 *	700
Marquette	1,200	23 *	1,000
Portage	3,400	3 *	3,100
Waupaca	800	34 *	900
Waushara	600	39 *	700
Wood	900	33	800
C. District	**8,900**		**8,200**
Brown	450	47 *	400
Calumet	350	51 *	300
Door	250	55 *	200
Fond du Lac	1,200	23 *	1,000
Kewaunee	250	55 *	300
Manitowoc	600	39 *	700
Outagamie	700	38	700
Sheboygan	600	39 *	600
Winnebago	1,000	26 *	800
E. C. District	**5,400**		**5,000**
Crawford	800	34 *	600
Grant	3,400	3 *	3,500
Iowa	2,900	6	2,700
Lafayette	2,200	9	2,100
Richland	1,500	16 *	1,300
Sauk	2,400	8	2,300
Vernon	1,300	21 *	1,200
S. W. District	**14,500**		**13,700**
Columbia	4,500	2	4,300
Dane	5,500	1	5,900
Dodge	1,600	13 *	1,400
Green	2,000	10	1,600
Jefferson	1,000	26 *	800
Rock	3,400	3 *	2,900
S. C. District	**18,000**		**16,900**
Kenosha	500	43 *	300
Milwaukee	100	65 *	100
Ozaukee	300	53 *	300
Racine	1,000	26 *	800
Walworth	1,400	19 *	1,100
Washington	400	49 *	300
Waukesha	1,000	26 *	700
S. E. District	**4,700**		**3,600**
State	**76,000**		**68,000**

* Tied.

LAYERS AND EGG PRODUCTION: By Counties, Wisconsin, 1987-88

County	Layers—December 1		Egg production		
	1988	1987	1988	Rank	1987
	Number		1,000 eggs		1,000 eggs
Barron	3,400	3,500	740	48	780
Bayfield	9,400	9,500	2,100	30	2,960
Burnett	1,200	1,000	240	63	230
Chippewa	45,100	77,100	14,340	13	21,410
Douglas	23,400	22,000	5,740	21	5,920
Polk	3,300	4,400	830	43	870
Rusk	2,000	2,300	460	56	550
Sawyer	400	400	90	65	80
Washburn	700	800	160	64	200
N. W. District	**88,900**	**121,000**	**24,700**		**33,000**
Ashland	1,400	1,300	370	60	330
Clark	7,000	6,600	1,840	31	1,780
Iron	100	100	20	72	20
Lincoln	1,700	1,400	420	58	350
Marathon	13,000	13,300	4,000	24	4,280
Oneida	200	300	70	66	60
Price	1,400	1,200	350	61	330
Taylor	3,000	2,900	800	45	820
Vilas	100	100	30	70	30
N. C. District	**27,900**	**27,200**	**7,900**		**8,000**
Florence	300	200	60	68	50
Forest	300	300	70	66	80
Langlade	5,400	5,300	1,270	35	1,570
Marinette	2,400	2,800	600	54	720
Oconto	12,400	8,300	2,470	29	2,000
Shawano	7,100	8,900	1,730	32	2,080
N. E. District	**27,900**	**25,800**	**6,200**		**6,500**
Buffalo	64,500	65,500	16,610	11	16,260
Dunn	71,600	84,500	19,670	8	16,710
Eau Claire	3,400	3,600	840	42	850
Jackson	16,800	16,700	4,940	22	8,500
La Crosse	3,100	3,200	760	46	780
Monroe	5,200	4,900	1,220	36	1,100
Pepin	1,100	1,300	290	62	300
Pierce	4,200	4,100	1,000	39	1,010
St. Croix	13,700	16,900	3,600	26	4,290
Trempealeau	63,400	94,800	17,570	9	22,200
W. C. District	**247,000**	**295,500**	**66,500**		**72,000**
Adams	1,500	1,600	410	59	380
Green Lake	11,100	21,600	4,270	23	4,990
Juneau	53,200	53,000	14,040	15	11,830
Marquette	2,800	2,900	750	47	620
Portage	21,300	22,700	6,000	20	5,260
Waupaca	5,600	5,700	1,490	33	1,400
Waushara	2,500	3,100	730	49	740
Wood	3,500	3,400	910	41	780
C. District	**101,500**	**114,000**	**28,600**		**26,000**
Brown	4,100	4,900	1,030	38	990
Calumet	1,700	1,700	440	57	420
Door	1,900	1,900	490	55	480
Fond du Lac	37,900	41,000	12,000	18	10,740
Kewaunee	3,300	3,100	820	44	780
Manitowoc	62,400	51,000	14,190	14	10,120
Outagamie	56,400	62,800	16,390	12	15,200
Sheboygan	11,600	12,500	3,060	28	3,190
Winnebago	71,600	72,700	16,880	10	18,580
E. C. District	**250,900**	**251,600**	**65,300**		**60,500**

LAYERS AND EGG PRODUCTION: By Counties, Wisconsin, 1987-88, Continued

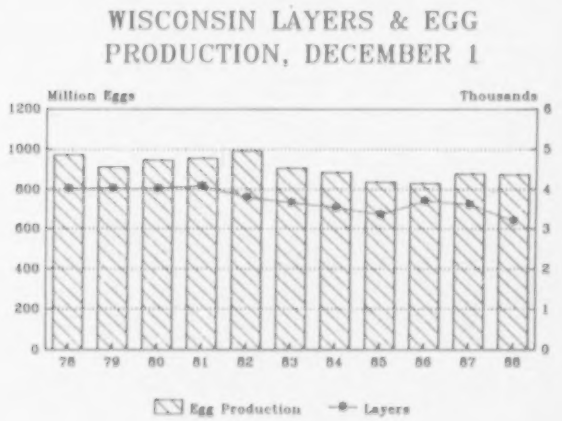
County	Layers---December 1		Egg production		
	1988	1987	1988	Rank	1987
	Number		1,000 eggs		1,000 egg
Crawford	4,200	4,200	1,060	37	1,030
Grant	51,400	51,900	12,740	17	13,000
Iowa	81,600	97,500	21,970	6	30,190
Lafayette	4,100	3,600	970	40	800
Richland	2,600	2,500	640	52	560
Sauk	289,000	277,900	73,230	3	61,800
Vernon	24,900	29,000	7,290	19	7,620
S. W. District	**457,800**	**466,600**	**117,900**		**115,000**
Columbia	89,200	123,700	26,980	5	22,880
Dane	221,300	256,400	61,160	4	61,740
Dodge	77,000	81,200	21,890	7	18,120
Green	2,300	2,300	610	53	520
Jefferson	1,101,000	1,283,600	318,800	1	323,770
Rock	4,400	9,800	1,460	34	1,970
S. C. District	**1,495,200**	**1,757,000**	**430,900**		**429,000**
Kenosha	2,700	3,200	720	50	800
Milwaukee	200	200	50	69	60
Ozaukee	13,700	13,100	3,940	25	3,440
Racine	6,700	23,400	3,390	27	5,500
Walworth	432,200	472,300	103,410	2	106,100
Washington	44,600	46,300	12,800	16	10,420
Waukesha	2,800	2,800	690	51	680
S. E. District	**502,900**	**561,300**	**125,000**		**127,000**
State	**3,200,000**	**3,620,000**	**873,000**		**877,000**

*Tied

CHICKENS: Number on Farms Wisconsin, December 1, 1981-88

Year	Total chickens 1/	Hens and pullets of laying age			Other pullets 2/
		Total	Hens 1 yr.+	Pullets	
	Thousands				
1988	**4,060**	**3,200**	**1,450**	**1,750**	**835**
1987	4,330	3,620	1,520	2,100	680
1986	4,453	3,712	1,818	1,894	688
1985	4,350	3,360	1,450	1,910	960
1984	4,600	3,540	1,500	2,040	1,030
1983	4,540	3,670	1,520	2,150	850
1982	4,800	3,800	1,764	2,036	980
1981	5,130	4,080	1,490	2,590	1,030

1/Excludes commercial broilers. 2/Pullets not of laying age.



CHICKENS: Production, Disposition, and Income, Wisconsin, 1981-88 1/

Year	Number					Quantity		Value			Gross income from farm chickens, broilers, and eggs 2/
	Raised	Lost	Produced	Consumed on farms	Sold	Sold	Produced	Cash income	Value consumed on farms	Gross income	
	1,000 head					1,000 pounds		1,000 dollars			
1988	**3/**	**500**	**3/**	**3/**	**2,950**	**11,210**	**3/**	**1,009**	**3/**	**3/**	**46,971**
1987	3/	270	3/	3/	2,100	7,980	3/	718	3/	3/	49,053
1986	3/	310	3/	3/	2,200	8,360	3/	1,003	3/	3/	52,151
1985	3/	400	3/	3/	1,900	7,220	3/	939	3/	3/	45,460
1984	3,200	480	2,720	160	2,500	12,500	13,261	1,563	92	1,655	62,210
1983	2,900	460	2,440	180	2,520	12,600	12,629	1,323	87	1,410	51,025
1982	2,800	420	2,380	210	2,500	12,500	12,025	1,150	89	1,239	51,860
1981	3,820	490	3,330	230	3,020	15,100	16,598	1,238	87	1,325	55,472

1/Annual estimates cover the period December 1 previous year through November 30. 2/Includes cash income for chickens. 3/Estimates have been discontinued.

EGGS: Production, Disposition, and Income, Wisconsin, 1981-88 1/

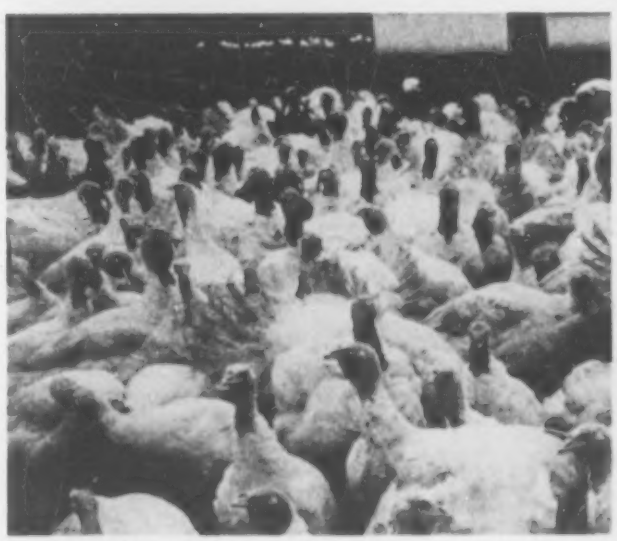
Year	Average number of layers during year	Eggs per layer	Production and disposition			Income			
			Produced	Consumed on farms	Sold	Price per dozen	Cash income	Value of eggs consumed on farms	Gross income
	1,000	Number	Million eggs			Cents	1,000 dollars		
1988	**3,417**	**255**	**873**	**2/**	**2/**	**38.4**	**2/**	**2/**	**27,936**
1987	3,597	244	877	2/	2/	43.0	2/	2/	31,426
1986	3,393	245	830	2/	2/	50.0	2/	2/	34,583
1985	3,388	247	836	2/	2/	45.0	2/	2/	31,350
1984	3,535	250	884	7	877	62.0	45,312	362	45,674
1983	3,622	250	906	7	899	49.0	36,709	286	36,995
1982	4,040	245	991	9	982	46.0	37,643	345	37,988
1981	3,943	242	955	9	946	50.0	39,417	375	39,792

1/Annual estimates cover the period December 1 previous year through November 30. 2/Estimates have been discontinued.

BROILERS 1/
Production and Gross Income, Wisconsin, 1981-88

Year	Production		Price per pound	Gross income
	Number	Quantity		
	1,000 head	1,000 pounds	Cents	1,000 dollars
1988	**13,100**	**56,330**	**32.0**	**18,026**
1987	13,200	55,440	30.5	16,909
1986	11,600	48,720	34.0	16,565
1985	11,200	47,040	28.0	13,171
1984	11,500	48,300	31.0	14,973
1983	11,270	46,207	27.5	12,707
1982	11,650	48,930	26.0	12,722
1981	12,450	49,800	29.0	14,442

1/Annual estimates cover the period December 1 previous year through November 30.



HENS AND PULLETS OF LAYING AGE: By Quarter, Wisconsin, 1981-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average 1/
	Thousands												
1988	**3,608***	—	—	**3,470***	—	—	**3,330***	—	—	**3,258***	—	—	**3,417**
1987	3,682*	—	—	3,621*	—	—	3,535*	—	—	3,551*	—	—	3,597
1986	3,360*	—	—	3,360*	—	—	3,337*	—	—	3,514*	—	—	3,393
1985	3,470	3,430	3,400	3,400	3,390	3,350	3,340	3,330	3,300	3,340	3,381	3,380	3,388
1984	3,720	3,705	3,660	3,650	3,590	3,470	3,410	3,400	3,430	3,310	3,370	3,520	3,535
1983	3,750	3,781	3,800	3,731	3,695	3,576	3,476	3,455	3,420	3,460	3,541	3,710	3,622
1982	4,176	4,226	—	4,100*	—	—	3,990*	—	—	3,900*	—	3,791	4,040
1981	3,926	3,856	3,915	3,965	3,950	3,900	3,880	3,921	3,950	3,990	4,051	4,110	3,943

1/Annual average covers the period December 1 previous year through November 30. *Average layers during quarter.

EGG PRODUCTION: By Quarter, Wisconsin, 1981-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1/
	Million eggs												
1988	**231***	—	—	**223***	—	—	**214***	—	—	**205***	—	—	**873**
1987	196*	—	—	218*	—	—	234*	—	—	229*	—	—	877
1986	203*	—	—	212*	—	—	211*	—	—	204*	—	—	830
1985	75	64	68	68	73	70	73	72	67	66	66	69	836
1984	75	72	78	76	75	70	73	75	73	72	68	74	884
1983	74	68	82	76	77	75	76	76	72	75	76	77	906
1982	86	78	—	254*	—	—	247*	—	—	240*	—	79	991
1981	78	68	79	80	82	78	80	80	80	85	83	86	955

1/Annual total covers the period December 1 previous year through November 30. *Eggs produced during quarter.

HONEY AND BEESWAX: Production and Value, Wisconsin 1978-88

Year	Colonies of bees	Yield per colony	Honey			Beeswax 2/			Total value of production
			Production	Price per pound	Value of production	Production	Price per pound	Value of production	
	1,000 colonies	Pounds	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 dollars
1988	**82**	**99**	**8,118**	**48.0**	**3,897**	—	—	—	—
1987*	83	97	8,051	48.0	3,864	—	—	—	—
1986	85	50	4,250	52.0	2,210	—	—	—	—
1982 1/	—	—	—	—	—	—	—	—	—
1981	125	33	4,125	64.0	2,640	87	194.0	169	2,809
1980	125	48	6,000	58.0	3,480	114	186.0	212	3,692
1979	135	65	8,775	57.6	5,054	123	181.0	223	5,277
1978	124	51	6,324	52.6	3,326	114	179.0	204	3,530

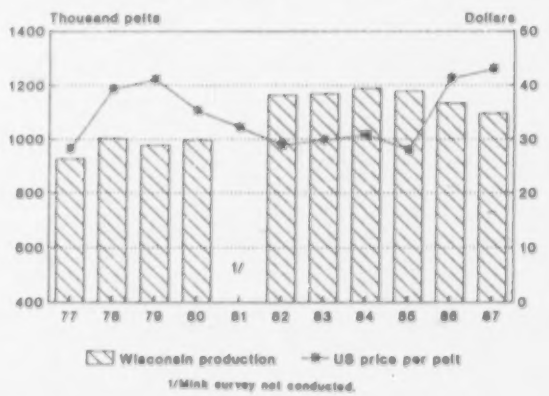
1/Estimates discontinued 1982 through 1985. 2/Estimates discontinued after 1981. *Revised.

MINK: Number of Ranches, Pelts Produced, and Females Bred, Wisconsin, 1981-88

Year	Mink ranches	Pelts produced	Females bred
	Number	Thousands	
1988	**NA**	**NA**	**311**
1987	213	1,095	295
1986	228	1,133	291
1985	235	1,179	313
1984	241	1,189	310
1983	252	1,169	315
1982	263	1,164	1/
1981	1/	1/	296

1/Mink survey not conducted in 1982. NA = not available.

MINK PELT PRODUCTION AND PRICE



Dairy

Milk production in Wisconsin during 1988 totaled 25.4 billion pounds, an increase of 2 percent from 1987. Production was above a year earlier in most months, with the greatest percentage increases occurring during the first quarter of 1988.

Milk cow numbers continued to decline throughout 1988. The January 1, 1989, inventory of 1,740,000 milk cows was the lowest number since 1916. Production per cow for 1988 increased to a record high of 14,407 pounds, up 591 pounds from 1987. There were 36,000 dairy farms in Wisconsin during 1988, a decrease of 1,000 farms from the previous year.

Receipts from dairying totaled $3.0 billion in 1988, a gain of 1 percent from 1987 as increased marketings of milk offset lower milk prices. Monthly milk prices averaged $11.97 a hundredweight for 1988, a decline of 18 cents from 1987 despite sharp increases in the second half of the year. Prices for all milk fell below $11.00 a hundredweight in June but then began a rapid rise to reach $13.56 a hundredweight in December.

A major contributor to the increases in milk prices during the second half of 1988 was higher cheese prices at the National Cheese Exchange in Green Bay. Cheddar cheese prices for barrels and blocks rose more than 18 cents a pound from mid-June to mid-November. Cheese production utilizes 77 percent of Wisconsin's total milk supply.

The Minnesota-Wisconsin manufacturing grade milk price series, which is used as the base for pricing Grade A milk throughout the Federal Milk Marketing Orders in the United States, increased $1.89 a hundredweight from June to November 1988. This was the largest sustained gain for the M-W price since 1973.

The annual quantity of grain and other concentrates fed per milk cow in 1988 was 5,330 pounds, 80 pounds more than the previous year. The ration value averaged $7.99 per hundred pounds for 1988, an increase of $1.05 from 1987 as hot, dry weather reduced crop production.

Wisconsin dairy plants manufactured 1.9 billion pounds of cheese in 1988, up 1.4 percent from 1987. The state accounted for 34 percent of the national cheese output. Production of American cheese totaled 998 million pounds for 1988, a decline of 3 percent from the previous year. Fifty-two percent of all cheese made in Wisconsin was the American variety.

Production of Italian cheese continued to increase, reaching a record high of 664 million pounds in 1988. Output of Italian cheese was up 11 percent from 1987 and accounted for 35 percent of all cheese. Italian cheese production has nearly doubled since 1982.

Output of Swiss cheese, at 53.6 million pounds in 1988, was 14 percent more than in 1987. Muenster production amounted to nearly 72 million pounds in 1988, down 12 percent from a year earlier. The brick cheese output of 8.5 million pounds was 29 percent below 1987. Blue cheese production totaled 20.9 million pounds, up 6 percent from the previous year. All other varieties, including cream cheese, increased 2 percent in 1988.

Processed cheese production amounted to 563.8 million pounds in 1988, a decline of 13 percent from 1987. Output of processed cheese foods and spreads totaled 258.4 million pounds, about one-fourth more than a year earlier. The cold pack cheese production of 84.7 million pounds was up 7 percent from 1987.

Wisconsin's 1988 butter production of 295.6 million pounds was 13 percent higher than in 1987. The state accounted for 24.5 percent of the national butter output. Production of nonfat dry milk for human food totaled 60.6 million pounds in 1988, nearly equal to the previous year.

Total production of sweetened and unsweetened condensed whole and skim milk during 1988 was down about 2 percent from 1987. The 1988 ice cream production of 21.1 million gallons was 17 percent below the previous year.

Whey solids processed in 1988 totaled 686.8 million pounds, up 2 percent from 1987.

DISPOSITION OF MILK PRODUCED: Wisconsin, 1981-88

Year	Milk used on farms where produced			Milk sold from farms		
	Fed to calves	Consumed as milk or cream	Total	To plants and dealers	Direct to consumers	Total
	Million pounds					
1988	**254**	**102**	**356**	**25,038**	**6**	**25,044**
1987	248	124	372	24,420	8	24,428
1986	319	122	441	24,050	9	24,059
1985	346	124	470	24,220	10	24,230
1984	427	173	600	22,890	11	22,901
1983	390	167	557	23,230	13	23,243
1982	381	156	537	22,680	13	22,693
1981	371	156	527	22,460	13	22,473

SALES AND INCOME FROM MILK: Wisconsin, 1981-88

Year	Milk sold to plants and dealers at wholesale			Milk sold directly to consumers		
	Quantity	Price per 100 pounds	Value	Quantity (milk equivalent)	Price per quart	Value
	Million pounds	Dollars	1,000 dollars	Million quarts	Cents	1,000 dollars
1988	**25,038**	**11.97**	**2,997,049**	**3**	**43**	**1,200**
1987	24,420	12.15	2,967,030	4	42	1,563
1986	24,050	12.16	2,924,480	4	41	1,716
1985	24,220	12.27	2,971,794	5	42	1,953
1984	22,890	13.13	3,005,457	5	41	2,098
1983	23,230	13.23	3,073,329	6	41	2,479
1982	22,680	13.22	2,998,296	6	40	2,419
1981	22,460	13.38	3,005,148	6	40	2,419

Year	Combined value of milk and cream sold and direct sales				Value of milk consumed in households where produced	Value of milk fed to calves	Value of milk produced on farms
	Milk utilized	Per 100 pounds milk	Per pound milkfat	Value			
	Million pounds	Dollars	Dollars	1,000 dollars	1,000 dollars		
1988	**25,044**	**11.97**	**3.23**	**2,998,249**	**12,211**	**30,409**	**3,040,869**
1987	24,428	12.15	3.29	2,968,593	15,069	30,138	3,013,800
1986	24,059	12.16	3.27	2,926,196	14,838	38,799	2,979,833
1985	24,230	12.27	3.31	2,973,747	15,219	42,465	3,031,431
1984	22,901	13.13	3.51	3,007,555	22,720	56,077	3,086,352
1983	23,243	13.23	3.55	3,075,808	22,100	51,690	3,149,598
1982	22,693	13.22	3.55	3,000,715	20,628	50,380	3,071,723
1981	22,473	13.38	3.61	3,007,567	20,878	49,650	3,078,095

MILK COWS: Percent of Fat in Milk, and Production of Milk and Milkfat, Wisconsin, 1981-88

Year	Average number of milk cows on farms 1/	Production per milk cow		Percent of fat in milk	Total production	
		Milk	Milkfat		Milk	Milkfat
	1,000 head	Pounds		Percent	Million pounds	
1988	**1,763**	**14,407**	**535**	**3.71**	**25,400**	**942**
1987	1,795	13,816	510	3.69	24,800	915
1986	1,853	13,222	492	3.72	24,500	911
1985	1,876	13,166	488	3.71	24,700	916
1984	1,828	12,856	481	3.74	23,501	879
1983	1,845	12,900	481	3.73	23,800	888
1982	1,835	12,659	472	3.73	23,230	867
1981	1,825	12,603	468	3.71	23,000	853

1/Excludes heifers not yet fresh.

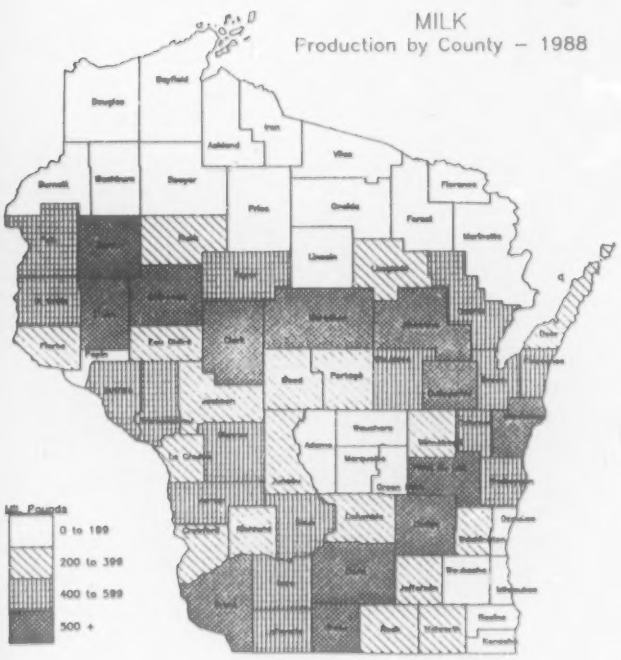
MILK COWS: Production Per Cow, And Total Milk Production, By Counties, Wisconsin, 1987-88

County	1988 1/				1987		
	Number of cows 2/	Milk per cow	Production		Number of cows 2/	Milk per cow	Total Production
			Quantity	Rank			
	Number	Pounds	1,000 pounds		Number	Pounds	1,000 pounds
Barron	47,200	13,700	646,640	12	47,700	13,300	634,420
Bayfield	4,800	13,400	64,320	61	4,900	13,100	64,190
Burnett	6,000	13,800	82,800	59	6,100	13,200	80,520
Chippewa	52,900	14,200	751,180	7	54,800	13,700	750,770
Douglas	1,500	12,800	19,200	66	1,500	12,800	19,200
Polk	32,700	14,300	467,610	24	33,200	13,800	458,170
Rusk	17,900	12,300	220,170	44	18,100	12,100	219,010
Sawyer	3,100	13,300	41,230	64	3,200	13,500	43,200
Washburn	5,900	14,500	85,550	58	6,100	14,300	87,230
N. W. District	**172,000**	**13,830**	**2,378,700**		**175,600**	**13,421**	**2,356,710**
Ashland	3,500	13,400	46,900	62	3,500	13,300	46,550
Clark	66,100	14,200	938,620	2	67,100	13,500	905,860
Iron	400	13,200	5,280	68	400	12,400	4,960
Lincoln	10,000	14,400	144,000	53	10,300	13,700	141,110
Marathon	75,800	14,900	1,129,420	1	76,900	14,300	1,099,680
Oneida	200	12,300	2,460	70	200	12,300	2,460
Price	7,200	12,200	87,840	57	7,500	11,800	88,500
Taylor	27,100	14,800	401,080	29	27,500	14,300	393,260
Vilas	-	-	-	-	-	-	-
N. C. District	**190,300**	**14,480**	**2,755,600**		**193,400**	**13,870**	**2,682,380**
Florence	800	15,000	12,000	67	800	14,600	11,680
Forest	1,400	13,800	19,320	65	1,500	13,000	19,500
Langlade	14,600	14,000	204,400	46	14,800	13,700	202,760
Marinette	10,900	14,500	158,050	49	11,200	13,900	155,680
Oconto	27,500	15,000	412,500	28	28,300	14,300	404,700
Shawano	48,000	14,200	681,600	10	50,100	13,500	676,360
N. E. District	**103,200**	**14,417**	**1,487,870**		**106,700**	**13,783**	**1,470,680**
Buffalo	30,100	14,700	442,470	27	30,300	14,000	424,210
Dunn	40,700	14,900	606,430	13	41,200	14,300	589,170
Eau Claire	20,100	13,500	271,350	38	20,400	13,000	265,200
Jackson	18,000	13,400	241,200	43	18,000	13,000	234,000
La Crosse	16,900	14,700	248,430	41	17,500	13,900	243,250
Monroe	37,600	13,800	518,880	20	38,000	13,200	501,610
Pepin	10,700	13,900	148,730	51	10,900	13,100	142,790
Pierce	26,000	13,800	358,800	33	26,400	13,300	351,120
St. Croix	35,200	15,400	542,080	18	35,500	14,700	521,860
Trempealeau	37,800	13,300	502,740	22	38,000	12,800	486,410
W. C. District	**273,100**	**14,211**	**3,881,110**		**276,200**	**13,612**	**3,759,620**
Adams	3,200	14,100	45,120	63	3,400	13,700	46,580
Green Lake	13,500	14,100	190,350	48	14,200	13,500	191,700
Juneau	15,300	13,400	205,020	45	15,300	12,700	194,310
Marquette	7,700	15,200	117,040	55	8,100	14,700	119,070
Portage	17,100	14,500	247,950	42	17,400	13,900	241,860
Waupaca	35,600	14,400	512,640	21	36,200	13,800	499,570
Waushara	9,700	14,000	135,800	54	10,100	13,300	134,330
Wood	26,100	14,700	383,670	30	26,500	14,100	373,650
C. District	**128,200**	**14,334**	**1,837,590**		**131,200**	**13,728**	**1,801,070**
Brown	39,400	14,100	555,540	16	39,800	13,400	533,330
Calumet	31,100	15,600	485,160	23	31,700	14,800	469,170
Door	14,200	14,200	201,640	47	14,200	13,800	195,960
Fond du Lac	52,500	15,200	798,000	6	52,900	14,400	761,770
Kewaunee	30,800	15,000	462,000	25	30,900	14,000	432,610
Manitowoc	47,000	15,100	709,700	8	47,300	14,300	676,400
Outagamie	47,200	14,800	698,560	9	47,900	14,200	680,190
Sheboygan	30,300	14,800	448,440	26	30,500	14,000	427,010
Winnebago	21,300	14,700	313,110	37	21,800	14,000	305,200
E. C. District	**313,800**	**14,889**	**4,672,150**		**317,000**	**14,138**	**4,481,640**

MILK COWS: Production Per Cow, And Total Milk Production, By Counties, Wisconsin, 1987-88, Continued

County	1988 1/				1987		
	Number of cows 2/	Milk per cow	Production		Number of cows 2/	Milk per cow	Total Production
			Quantity	Rank			
	Number	Pounds	1,000 pounds		Number	Pounds	1,000 pounds
Crawford	18,700	13,500	252,450	40	19,200	12,900	247,680
Grant	63,400	14,400	912,960	3	63,800	13,900	886,830
Iowa	37,600	14,200	533,920	19	38,900	13,700	532,940
Lafayette	41,300	14,100	582,330	15	41,900	13,600	569,850
Richland	24,900	13,800	343,620	35	25,400	13,400	340,360
Sauk	37,300	14,800	552,040	17	37,900	14,300	541,980
Vernon	43,800	13,500	591,300	14	44,500	13,000	578,510
S. W. District	**267,000**	**14,115**	**3,768,620**		**271,600**	**13,616**	**3,698,150**
Columbia	25,300	14,800	374,440	32	25,800	14,300	368,940
Dane	61,100	14,600	892,060	4	62,300	14,100	878,440
Dodge	56,300	14,900	838,870	5	57,500	14,400	828,010
Green	46,400	14,600	677,440	11	47,800	13,900	664,430
Jefferson	26,400	14,500	382,800	31	27,100	13,900	376,690
Rock	22,600	15,300	345,780	34	23,800	14,700	349,860
S. C. District	**238,100**	**14,748**	**3,511,390**		**244,300**	**14,189**	**3,466,370**
Kenosha	5,900	14,000	82,600	60	6,100	13,400	81,740
Milwaukee	300	13,500	4,050	69	300	13,000	3,900
Ozaukee	10,400	14,300	148,720	52	10,700	13,600	145,520
Racine	7,900	14,400	113,760	56	8,000	13,700	109,600
Walworth	18,400	14,600	268,640	39	18,600	14,000	260,400
Washington	24,000	14,100	338,400	36	24,600	13,600	334,560
Waukesha	10,400	14,500	150,800	50	10,700	13,800	147,660
S. E. District	**77,300**	**14,320**	**1,106,970**		**79,000**	**13,714**	**1,083,380**
State	1,763,000	14,407	25,400,000		1,795,000	13,816	24,800,000

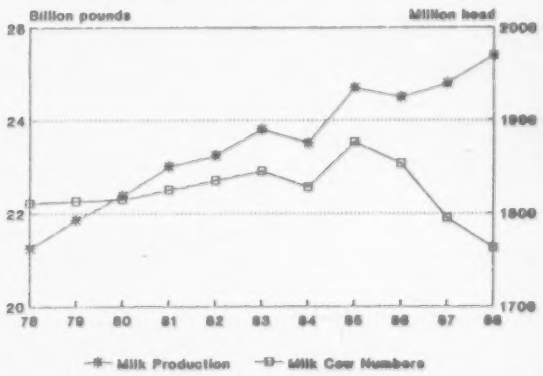
1/Preliminary. 2/Average number of milk cows on farms during year, excluding heifers not yet fresh.



MILK COWS: Percent of Operations By Size Group, Wisconsin, 1984-88

Year	Operations having:			
	1-29 head	30-49 head	50-99 head	100+ head
	Percent			
1988	23.5	39.9	30.8	5.8
1987	24.1	39.5	31.1	5.4
1986	26.1	39.0	30.0	4.9
1985	27.8	39.5	28.3	4.4
1984	29.5	40.2	26.3	4.0

WISCONSIN MILK COWS & MILK PRODUCTION



MILK PRODUCTION: By Months, Wisconsin, 1981-88

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	Million pounds												
1988	**2,110**	**1,988**	**2,187**	**2,164**	**2,285**	**2,199**	**2,206**	**2,161**	**2,055**	**2,063**	**1,945**	**2,037**	**25,400**
1987	1,966	1,832	2,105	2,106	2,280	2,202	2,178	2,112	2,006	2,035	1,930	2,048	24,800
1986	2,039	1,859	2,109	2,092	2,276	2,232	2,189	2,116	1,938	1,927	1,814	1,909	24,500
1985	1,932	1,764	2,023	2,031	2,255	2,246	2,266	2,210	2,031	2,038	1,915	1,989	24,700
1984	1,934	1,825	2,029	2,006	2,152	2,117	2,060	1,977	1,883	1,871	1,773	1,874	23,501
1983	1,941	1,813	2,044	2,046	2,186	2,157	2,104	2,020	1,912	1,904	1,795	1,878	23,800
1982 1/	1,885	1,757	1,997	—	6,254*	—	—	5,912*	—	—	5,425*	—	23,230
1981	1,866	1,749	2,005	2,005	2,143	2,098	2,043	1,953	1,818	1,800	1,709	1,811	23,000

1/1982 estimates were made quarterly after March. *Quarterly totals.

MILK COW NUMBERS: By Months, Wisconsin, 1981-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	1,000 head												
1988	**1,788**	**1,783**	**1,778**	**1,774**	**1,771**	**1,766**	**1,758**	**1,750**	**1,749**	**1,748**	**1,744**	**1,741**	**1,763**
1987	1,820	1,814	1,807	1,800	1,795	1,790	1,785	1,782	1,783	1,785	1,787	1,789	1,795
1986	1,888	1,878	1,875	1,868	1,858	1,852	1,847	1,840	1,837	1,835	1,832	1,827	1,853
1985	1,840	1,838	1,839	1,855	1,879	1,895	1,896	1,889	1,889	1,896	1,896	1,894	1,876
1984	1,842	1,825	1,820	1,824	1,824	1,825	1,823	1,822	1,828	1,834	1,837	1,837	1,828
1983	1,840	1,841	1,841	1,843	1,845	1,844	1,846	1,845	1,847	1,849	1,851	1,850	1,845
1982 1/	1,830	1,830	1,832	—	1,834*	—	—	1,836*	—	—	1,839*	—	1,835
1981	1,820	1,822	1,823	1,823	1,824	1,824	1,824	1,825	1,827	1,827	1,828	1,829	1,825

1/1982 estimates were made quarterly after March. *Quarterly average.

MILK PRODUCTION PER COW: By Months, Wisconsin, 1981-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	Pounds												
1988	**1,080**	**1,115**	**1,230**	**1,220**	**1,290**	**1,245**	**1,255**	**1,235**	**1,175**	**1,180**	**1,115**	**1,170**	**14,407**
1987	1,080	1,010	1,165	1,170	1,270	1,230	1,220	1,185	1,125	1,140	1,080	1,145	13,816
1986	1,080	990	1,125	1,120	1,225	1,205	1,185	1,150	1,055	1,050	990	1,045	13,222
1985	1,050	960	1,100	1,095	1,200	1,185	1,195	1,170	1,075	1,075	1,010	1,050	13,166
1984	1,050	1,000	1,115	1,100	1,180	1,160	1,130	1,085	1,030	1,020	965	1,020	12,856
1983	1,055	985	1,110	1,110	1,185	1,170	1,140	1,095	1,035	1,030	970	1,015	12,900
1982 1/	1,030	960	1,090	—	3,410*	—	—	3,220*	—	—	2,950*	—	12,659
1981	1,025	960	1,100	1,100	1,175	1,150	1,120	1,070	995	985	935	990	12,603

1/1982 estimates were made quarterly after March. *Quarterly totals.

COWS FRESHENING: By Months, Wisconsin, 1981-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Percent of total freshenings 1/											
1988	**8.5**	**9.3**	**9.1**	**9.0**	**7.8**	**6.6**	**7.7**	**7.7**	**8.2**	**9.0**	**8.7**	**8.4**
1987	8.3	8.4	8.7	9.5	8.3	9.2	7.8	7.2	7.8	8.1	8.9	7.8
1986	8.4	9.3	8.2	9.2	8.8	7.1	6.4	8.3	8.4	7.4	9.7	8.8
1985	9.3	9.0	8.0	9.2	8.6	7.9	7.0	7.2	7.2	8.5	7.2	10.9
1984	8.5	7.8	7.8	7.0	6.8	8.2	8.1	8.5	9.3	8.9	8.7	10.4
1983	9.3	8.7	7.8	8.8	8.2	7.2	7.8	7.6	7.4	8.7	9.2	9.3
1982	9.8	9.0	8.6			2/ 21.9			3/ 23.1			4/ 27.6
1981	9.2	8.3	8.1	8.4	8.1	7.7	7.1	7.5	8.2	9.4	9.0	9.0

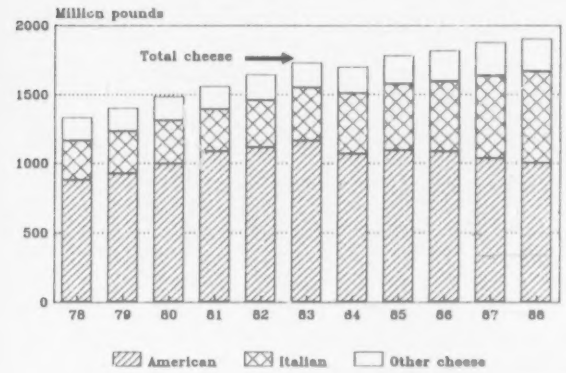
1/Monthly distribution is adjusted for balance to 100 percent for the year, which attributes freshening during the 12 months to the average number of milk cows and heifers two years old and over in the herds of Wisconsin dairy reporters. 2/Percent for April, May, and June quarter. 3/Percent for July, August, and September quarter. 4/Percent for October, November, and December quarter.

BUTTER AND CHEESE PRODUCTION: Wisconsin, 1981-88

Year	Butter	Total cheese 1/	American 2/	Swiss	Brick and Muenster	Italian	Blue
	1,000 pounds						
1988	**295,576**	**1,901,379**	**998,056**	**53,581**	**80,368**	**664,114**	**20,898**
1987	261,493	1,874,492	1,031,110	46,946	93,889	599,765	19,764
1986	273,939	1,813,542	1,081,188	42,768	83,483	510,139	19,113
1985	295,582	1,778,265	1,089,231	40,868	77,530	484,132	19,661
1984	273,002	1,698,150	1,063,716	37,534	70,371	441,163	18,544
1983	304,672	1,728,332	1,158,909	36,138	61,574	388,664	17,113
1982	288,598	1,644,529	1,111,333	36,672	66,163	343,938	17,802
1981	295,178	1,560,171	1,081,920	37,871	61,914	306,796	18,112

1/Includes cream cheese, and other miscellaneous types of cheese. Does not include cottage cheese. 2/Includes Colby and all other whole-milk-type American cheese.

WISCONSIN CHEESE PRODUCTION



ICE CREAM, ICE MILK, AND COTTAGE CHEESE Wisconsin, 1981-88

Year	Ice cream	Ice milk	Cottage cheese		
			Curd	Creamed	Lowfat
	1,000 gallons		1,000 pounds		
1988	**21,103**	**5,791**	**29,420**	**31,978**	**10,021**
1987	25,434	6,268	28,614	33,397	9,516
1986	23,061	4,510	27,929	36,353	8,256
1985	21,651	5,410	28,399	38,216	7,525
1984	22,231	4,914	31,236	44,465	6,978
1983	20,941	5,894	28,245	40,320	6,153
1982	20,828	6,076	32,943	47,571	6,171
1981	20,861	6,098	40,778	60,647	6,588

CONDENSED DAIRY PRODUCTS: Wisconsin, 1981-88

Year	Whole milk			Skim milk			Condensed buttermilk
	Condensed (bulk goods)			Condensed (bulk goods)			
	Sweetened	Unsweetened	Total	Sweetened	Unsweetened	Total	
	1,000 pounds						
1988	**69,615**	**90,418**	**160,033**	**57,699**	**148,306**	**206,005**	**31,829**
1987	73,515	124,352	197,867	56,601	120,698	177,299	41,415
1986	67,320	127,538	194,858	52,093	119,622	171,715	28,009
1985	64,239	121,033	185,272	45,218	71,964	117,182	24,606
1984	59,575	86,161	145,736	41,834	94,840	136,674	25,563
1983	53,087	65,915	119,002	42,345	44,695	87,040	33,499
1982	48,136	76,017	124,153	40,808	66,578	107,386	32,469
1981	51,892	52,843	104,735	38,287	93,501	131,788	31,189

DRIED DAIRY PRODUCTS: Wisconsin, 1981-88

Year	Whole milk	Nonfat dry milk			Buttermilk	Malted milk powder
		Human food	Animal feed	Total		
	1,000 pounds					
1988	**1/**	**60,595**	**697**	**61,292**	**3,914**	**8,066**
1987	1/	60,477	458	60,935	3,105	7,112
1986	1/	95,618	538	96,156	6,169	9,307
1985	1/	123,158	492	123,650	10,618	10,702
1984	1/	101,997	467	102,464	9,137	8,807
1983	1/	129,157	505	129,662	10,833	9,245
1982	1/	134,730	484	135,214	11,223	6,606
1981	1/	143,268	811	144,079	14,844	8,393

1/Not published to avoid disclosure of individual plant operations.

WHEY PRODUCTS: Wisconsin, 1984-88

Year	Dry whey 1/		Lactose		Whey solids in wet blends		Whey protein concentrate	
	Human food	Animal feed	Human food	Animal feed	Human food	Animal feed	Human food	Animal feed
	1,000 pounds solids							
1988	**367,589**	**125,390**	**57,345**	**2/**	**2/**	**2/**	**30,465**	**2/**
1987	327,885	161,805	56,114	2/	2/	72,891	14,934	2/
1986	385,755	100,788	45,668	2/	2/	54,620	16,715	2/
1985	367,543	116,657	33,313	2/	6,512	49,312	25,221	2/
1984	334,034	107,308	34,315	2/	7,790	52,777	21,491	2/

1/Includes reduced lactose and reduced minerals whey. 2/Publication not shown in order to maintain confidentiality of individual plants.

DAIRY PLANTS MAKING SELECTED PRODUCTS: Wisconsin, 1982-88 1/

Product	1988	1987	1986	1985	1984	1983	1982
	Number of dairy plants						
Butter (including whey butter)	**20**	21	23	25	25	26	30
Cheese							
American	**147**	168	179	198	214	229	234
Swiss	**18**	18	19	22	21	21	20
Muenster	**37**	39	41	48	41	41	39
Brick	**23**	25	29	32	30	28	29
Limburger	**2/**	2/	2/	2/	2/	2/	2/
Italian	**53**	58	56	58	57	59	59
Total cheese	**225**	249	264	284	296	306	314
Dry products							
Nonfat dry milk (spray process)	**9**	10	10	11	10	10	12
Dry whole milk	**2/**	2/	2/	2/	2/	2/	2/
Dry buttermilk	**4**	4	3	6	6	6	6
Dry whey	**19**	18	20	22	24	21	21
Ice cream	**28**	31	30	33	34	34	35
Ice cream mix	**18**	16	22	23	22	21	24

1/Includes only plants actually making specified product. 2/Not published to avoid disclosure of individual plants.

DAIRY CATTLE AND CALVES: Shipped out of Wisconsin to International Markets, 1985-88

Country	1988	1987	1986	1985
	Number			
N. America				
Canada	**220**	177	173	65
Mexico	**1,835**	887	2,705	11,045
C. America				
El Salvador	**-**	2	48	613
Honduras	**-**	46	33	166
Nicaragua	**-**	-	-	16
Costa Rica	**2**	-	-	-
Caribbean				
Dominican Republic	**46**	101	203	1
Haiti	**-**	38	-	-
Puerto Rico	**692**	42	-	31
Canary Island	**2**	-	-	-
S. America				
Argentina	**32**	13	9	4
Brazil	**47**	159	374	5
Colombia	**90**	251	132	-
Ecuador	**-**	115	173	139
Peru	**423**	228	11	15
Venezuela	**447**	385	1,371	610
W. Europe				
Netherlands	**-**	1	-	-
Spain	**-**	-	12	-
United Kingdom	**-**	1	-	-

Country	1988	1987	1986	1985
	Number			
Africa				
Morocco	**-**	1,186	-	-
Tunisia	**27**	-	-	-
S. Africa	**1**	-	-	-
E. Europe				
Hungary	**5**	2	-	1
Asia				
Abu Dhabi	**-**	86	-	-
Australia	**1**	-	-	-
China (Mainland)	**-**	-	193	259
Iraq	**-**	4,477	-	-
Japan	**56**	64	162	9
Korea	**-**	10	-	126
Kuwait	**382**	127	-	-
Saudi Arabia	**354**	-	210	176
Taiwan	**181**	582	633	368
Thailand	**199**	247	-	-
Turkey	**131**	678	-	-
Total 1/	**5,173**	9,905	6,442	13,649

1/Does not include cattle and calves shipped to other states and inspected there for export to international markets.

CATTLE AND CALVES: Shipped Out of Wisconsin, 1985-88 1/

State	1988	1987	1986	1985
	Number			
Rhode Island	-	-	-	1
New Hamp	2	-	10	-
Maine	3	4	1	3
Vermont	45	12	3	83
Massachusetts	214	1	21	14
Connecticut	29	5	13	1
New York	114	101	106	311
New Jersey	1	1	-	127
Pennsylvania	390	347	169	420
N. Atlantic	798	471	323	960
Ohio	1,347	1,077	3,246	3,137
Indiana	54,320	69,544	69,988	62,374
Illinois	6,443	7,162	6,203	6,318
Michigan	8,261	9,998	6,880	8,731
E. N. Central	70,371	87,781	86,317	80,560
Minnesota	7,669	7,105	4,837	5,601
Iowa	30,378	33,041	22,625	22,627
Missouri	4,920	4,904	3,666	4,366
North Dakota	659	558	585	509
South Dakota	4,396	5,651	3,019	3,995
Nebraska	7,155	8,693	4,413	4,737
Kansas	2,773	2,938	3,070	2,441
W. N. Central	57,950	62,890	42,215	44,276
Delaware	-	-	5	-
Maryland	11	9	13	77
Virginia	539	224	117	183
West Virginia	85	133	-	-
N. Carolina	123	174	66	271
S. Carolina	108	85	71	1,380
Georgia	2,328	1,792	1,528	2,233
Florida	1,307	1,556	1,269	1,733
S. Atlantic	4,501	3,973	3,069	5,877

State	1988	1987	1986	1985
	Number			
Kentucky	1,215	1,028	935	2,882
Tennessee	1,722	1,600	1,409	2,079
Alabama	693	76	232	194
Mississippi	169	363	1,315	259
Arkansas	996	1,069	907	391
Louisiana	651	287	313	561
Oklahoma	2,385	3,675	3,117	2,132
Texas	17,071	14,235	9,854	7,038
S. Central	24,902	22,333	18,082	15,536
Montana	388	341	483	221
Idaho	2,493	1,854	545	368
Wyoming	120	52	75	271
Colorado	1,397	1,445	650	1,040
New Mexico	2,827	2,923	1,266	1,501
Arizona	1,830	1,937	743	1,307
Utah	139	119	29	14
Nevada	-	659	204	138
Washington	1,410	582	75	557
Oregon	310	6	134	150
California	10,500	6,207	3,725	2,917
Western	21,414	16,125	7,929	8,484
Hawaii	239	-	-	-
U.S.	180,175	193,573	157,935	155,693
Outside U.S. 2/	5,173	9,905	6,442	13,649
Total	185,348	203,478	164,377	169,342

1/Permits issued by the Division of Animal Health, Wisconsin Department of Agriculture, Trade and Consumer Protection.
2/Does not include cattle and calves shipped to other states and inspected there for export to international markets.

AVERAGE PRICES AND TESTS FOR MILK MARKETED FROM FARMS: By Months, Wisconsin, 1984-88

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						ALL MILK							
						Dollars per hundredweight							
1988	**12.03**	**11.71**	**11.49**	**11.31**	**11.16**	**10.96**	**11.11**	**11.62**	**12.46**	**13.20**	**13.53**	**13.56**	**11.97**
1987	12.81	12.38	12.09	11.93	11.77	11.67	11.68	11.90	12.38	12.63	12.53	12.26	12.15
1986	12.08	11.97	11.91	11.77	11.66	11.56	11.59	11.97	12.59	12.99	13.20	13.12	12.16
1985	13.49	13.27	12.89	12.49	12.12	11.76	11.53	11.60	11.88	12.20	12.25	12.23	12.27
1984	13.07	12.92	12.93	12.87	12.81	12.67	12.70	12.85	13.58	13.87	13.98	13.67	13.13
						Percent milkfat							
1988	**3.81**	**3.80**	**3.77**	**3.74**	**3.67**	**3.53**	**3.50**	**3.52**	**3.70**	**3.85**	**3.89**	**3.86**	**3.71**
1987	3.78	3.76	3.74	3.70	3.63	3.55	3.50	3.53	3.69	3.84	3.85	3.82	3.69
1986	3.81	3.78	3.77	3.71	3.66	3.58	3.55	3.59	3.73	3.82	3.86	3.83	3.72
1985	3.84	3.82	3.78	3.73	3.63	3.56	3.51	3.56	3.69	3.83	3.85	3.86	3.71
1984	3.84	3.79	3.79	3.76	3.72	3.62	3.59	3.57	3.72	3.82	3.88	3.86	3.74
						MARKET MILK							
						Dollars per hundredweight							
1988	**12.16**	**11.85**	**11.62**	**11.43**	**11.28**	**11.08**	**11.23**	**11.73**	**12.55**	**13.30**	**13.63**	**13.67**	**12.10**
1987	12.94	12.53	12.22	12.05	11.89	11.80	11.81	12.02	12.52	12.79	12.67	12.40	12.28
1986	12.16	12.06	11.99	11.85	11.74	11.66	11.69	12.08	12.71	13.10	13.32	13.24	12.26
1985	13.61	13.38	13.00	12.61	12.22	11.86	11.65	11.71	11.97	12.28	12.32	12.32	12.38
1984	13.17	13.00	13.01	12.95	12.90	12.76	12.81	12.95	13.71	13.98	14.12	13.78	13.24
						Percent milkfat							
1988	**3.80**	**3.79**	**3.76**	**3.73**	**3.66**	**3.52**	**3.49**	**3.51**	**3.69**	**3.84**	**3.88**	**3.85**	**3.71**
1987	3.77	3.75	3.73	3.69	3.62	3.54	3.49	3.52	3.68	3.83	3.84	3.81	3.68
1986	3.80	3.77	3.76	3.70	3.64	3.57	3.54	3.58	3.72	3.80	3.84	3.82	3.71
1985	3.83	3.82	3.77	3.72	3.62	3.55	3.50	3.55	3.67	3.81	3.83	3.85	3.70
1984	3.83	3.78	3.79	3.75	3.71	3.61	3.58	3.56	3.71	3.81	3.87	3.85	3.73
						MANUFACTURING MILK							
						Dollars per hundredweight							
1988	**11.52**	**11.16**	**10.98**	**10.84**	**10.72**	**10.53**	**10.67**	**11.20**	**12.12**	**12.78**	**13.06**	**13.05**	**11.46**
1987	12.36	11.84	11.67	11.54	11.40	11.27	11.24	11.48	11.91	12.07	12.00	11.75	11.68
1986	11.82	11.70	11.64	11.53	11.41	11.29	11.28	11.63	12.21	12.63	12.80	12.71	11.83
1985	13.11	12.92	12.54	12.14	11.86	11.48	11.19	11.28	11.61	11.96	12.02	11.96	11.96
1984	12.80	12.69	12.71	12.65	12.59	12.45	12.43	12.58	13.24	13.54	13.58	13.32	12.85
						Percent milkfat							
1988	**3.84**	**3.82**	**3.79**	**3.76**	**3.69**	**3.55**	**3.52**	**3.54**	**3.72**	**3.89**	**3.95**	**3.92**	**3.74**
1987	3.82	3.79	3.77	3.73	3.67	3.58	3.52	3.56	3.72	3.89	3.91	3.87	3.73
1986	3.85	3.82	3.80	3.75	3.70	3.61	3.57	3.62	3.78	3.89	3.91	3.88	3.75
1985	3.85	3.82	3.79	3.75	3.67	3.60	3.54	3.59	3.73	3.89	3.92	3.91	3.74
1984	3.85	3.80	3.80	3.78	3.74	3.65	3.61	3.59	3.75	3.86	3.92	3.88	3.76
						ALL CHEESE							
						Dollars per hundredweight							
1988	**11.55**	**11.18**	**11.00**	**10.86**	**10.74**	**10.54**	**10.68**	**11.22**	**12.14**	**12.81**	**13.08**	**13.08**	**11.48**
1987	12.38	11.86	11.69	11.56	11.42	11.29	11.24	11.48	11.91	12.08	12.01	11.76	11.70
1986	11.84	11.72	11.67	11.55	11.44	11.31	11.31	11.65	12.23	12.65	12.83	12.74	11.86
1985	13.13	12.94	12.55	12.16	11.88	11.50	11.20	11.28	11.63	11.98	12.04	11.98	11.98
1984	12.83	12.71	12.73	12.67	12.61	12.47	12.45	12.59	13.26	13.57	13.60	13.34	12.87
						Percent milkfat							
1988	**3.84**	**3.82**	**3.79**	**3.76**	**3.69**	**3.55**	**3.52**	**3.54**	**3.72**	**3.89**	**3.95**	**3.92**	**3.74**
1987	3.82	3.79	3.78	3.74	3.67	3.58	3.52	3.57	3.72	3.89	3.91	3.87	3.73
1986	3.85	3.82	3.81	3.76	3.70	3.62	3.58	3.63	3.78	3.89	3.92	3.89	3.76
1985	3.85	3.82	3.79	3.75	3.67	3.60	3.55	3.59	3.74	3.89	3.92	3.91	3.74
1984	3.85	3.80	3.81	3.78	3.75	3.66	3.61	3.60	3.76	3.87	3.92	3.88	3.77
						OTHER CHEESE							
						Dollars per hundredweight							
1988	**12.07**	**11.82**	**11.63**	**11.50**	**11.33**	**11.05**	**11.17**	**11.71**	**12.50**	**13.31**	**13.69**	**13.70**	**12.03**
1987	12.92	12.53	12.28	12.05	11.96	11.76	11.76	11.94	12.39	12.67	12.65	12.40	12.24
1986	12.39	12.31	12.18	12.02	11.84	11.70	11.72	12.04	12.50	13.00	13.35	13.29	12.32
1985	13.62	13.38	13.01	12.57	12.20	11.87	11.65	11.74	12.00	12.62	12.75	12.62	12.46
1984	13.27	13.10	13.04	13.04	12.94	12.83	12.75	12.96	13.62	14.07	14.18	13.88	13.28
						Percent milkfat							
1988	**3.88**	**3.88**	**3.84**	**3.81**	**3.74**	**3.58**	**3.53**	**3.56**	**3.77**	**3.95**	**4.00**	**3.97**	**3.78**
1987	3.90	3.87	3.85	3.80	3.73	3.62	3.57	3.59	3.76	3.93	3.98	3.91	3.78
1986	3.91	3.87	3.87	3.80	3.73	3.63	3.61	3.64	3.81	3.96	3.98	3.99	3.81
1985	3.92	3.92	3.88	3.83	3.71	3.64	3.61	3.65	3.80	4.02	4.04	3.99	3.82
1984	3.96	3.91	3.87	3.87	3.81	3.73	3.65	3.66	3.83	3.94	4.02	3.97	3.84

AVERAGE PRICES AND TESTS FOR MILK MARKETED FROM FARMS: By Months, Wisconsin, 1984-88

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						VARIED PRODUCTS							
						Dollars per hundredweight							
1988	**11.37**	**11.06**	**10.85**	**10.69**	**10.57**	**10.39**	**10.54**	**11.04**	**11.92**	**12.57**	**12.91**	**12.89**	**11.28**
1987	12.18	11.67	11.47	11.38	11.26	11.15	11.24	11.44	11.84	12.02	11.94	11.68	11.58
1986	11.66	11.53	11.46	11.35	11.22	11.08	11.11	11.50	12.03	12.42	12.59	12.50	11.63
1985	12.94	12.75	12.42	11.99	11.69	11.37	11.11	11.21	11.50	11.82	11.86	11.80	11.83
1984	12.62	12.52	12.54	12.48	12.43	12.31	12.31	12.46	13.08	13.34	13.41	13.15	12.69
						Percent milkfat							
1988	**3.83**	**3.81**	**3.78**	**3.75**	**3.67**	**3.52**	**3.49**	**3.51**	**3.69**	**3.85**	**3.92**	**3.90**	**3.72**
1987	3.81	3.78	3.76	3.71	3.65	3.56	3.51	3.56	3.70	3.88	3.91	3.87	3.72
1986	3.84	3.81	3.79	3.74	3.66	3.58	3.54	3.60	3.77	3.87	3.90	3.87	3.73
1985	3.84	3.81	3.78	3.73	3.64	3.57	3.50	3.57	3.71	3.87	3.91	3.91	3.72
1984	3.85	3.78	3.79	3.76	3.73	3.63	3.59	3.58	3.73	3.85	3.91	3.88	3.75
						AMERICAN CHEESE							
						Dollars per hundredweight							
1988	**11.44**	**11.07**	**10.90**	**10.77**	**10.67**	**10.48**	**10.65**	**11.18**	**12.11**	**12.76**	**13.00**	**12.98**	**11.40**
1987	12.29	11.75	11.60	11.48	11.35	11.23	11.20	11.42	11.87	12.02	11.92	11.66	11.62
1986	11.76	11.64	11.60	11.48	11.38	11.25	11.25	11.56	12.17	12.57	12.72	12.62	11.77
1985	13.07	12.89	12.49	12.10	11.83	11.44	11.14	11.23	11.58	11.91	11.97	11.91	11.93
1984	12.79	12.68	12.70	12.64	12.59	12.45	12.43	12.56	13.22	13.52	13.55	13.30	12.83
						Percent milkfat							
1988	**3.85**	**3.83**	**3.80**	**3.77**	**3.71**	**3.57**	**3.54**	**3.56**	**3.74**	**3.91**	**3.96**	**3.93**	**3.75**
1987	3.83	3.80	3.79	3.75	3.68	3.60	3.54	3.58	3.74	3.90	3.92	3.88	3.74
1986	3.86	3.82	3.81	3.76	3.71	3.62	3.59	3.63	3.79	3.90	3.92	3.89	3.76
1985	3.85	3.83	3.79	3.76	3.69	3.62	3.56	3.61	3.75	3.90	3.93	3.92	3.75
1984	3.85	3.80	3.81	3.78	3.75	3.66	3.62	3.61	3.77	3.87	3.93	3.89	3.77
						BRICK AND MUENSTER CHEESE							
						Dollars per hundredweight							
1988	**11.85**	**11.50**	**11.27**	**11.11**	**10.94**	**10.73**	**10.81**	**11.33**	**12.24**	**13.07**	**13.42**	**13.42**	**11.73**
1987	12.59	12.09	11.85	11.73	11.52	11.36	11.36	11.59	12.08	12.24	12.20	12.06	11.86
1986	12.10	11.94	11.86	11.77	11.64	11.54	11.55	11.90	12.29	12.77	12.93	12.95	12.06
1985	13.33	13.07	12.65	12.28	12.02	11.65	11.44	11.53	11.81	12.22	12.24	12.24	12.16
1984	12.98	12.83	12.82	12.76	12.63	12.51	12.43	12.61	13.27	13.63	13.71	13.39	12.94
						Percent milkfat							
1988	**3.80**	**3.78**	**3.75**	**3.71**	**3.62**	**3.47**	**3.44**	**3.46**	**3.64**	**3.82**	**3.92**	**3.89**	**3.68**
1987	3.77	3.74	3.70	3.67	3.58	3.48	3.44	3.51	3.69	3.84	3.88	3.85	3.67
1986	3.80	3.75	3.73	3.68	3.62	3.54	3.51	3.57	3.70	3.84	3.87	3.85	3.69
1985	3.82	3.79	3.74	3.68	3.59	3.52	3.49	3.55	3.69	3.87	3.88	3.86	3.69
1984	3.83	3.76	3.76	3.74	3.69	3.59	3.53	3.51	3.65	3.80	3.84	3.82	3.70
						SWISS CHEESE							
						Dollars per hundredweight							
1988	**11.64**	**11.32**	**11.09**	**10.92**	**10.78**	**10.55**	**10.61**	**11.04**	**12.05**	**12.68**	**13.01**	**12.96**	**11.46**
1987	12.45	11.95	11.81	11.59	11.46	11.27	11.16	11.39	11.69	12.04	12.08	11.73	11.69
1986	12.24	12.09	11.93	11.83	11.68	11.60	11.50	11.83	12.46	12.89	13.11	12.98	12.15
1985	13.34	12.94	12.63	12.31	11.96	11.63	11.46	11.42	11.79	12.28	12.36	12.41	12.17
1984	12.77	12.64	12.70	12.66	12.63	12.46	12.56	12.73	13.35	13.71	13.74	13.60	12.93
						Percent milkfat							
1988	**3.80**	**3.78**	**3.74**	**3.72**	**3.63**	**3.47**	**3.44**	**3.46**	**3.64**	**3.83**	**3.90**	**3.87**	**3.68**
1987	3.78	3.73	3.72	3.66	3.59	3.51	3.45	3.50	3.66	3.82	3.86	3.83	3.67
1986	3.77	3.74	3.72	3.68	3.63	3.56	3.51	3.56	3.72	3.85	3.88	3.85	3.70
1985	3.79	3.75	3.70	3.63	3.56	3.50	3.47	3.46	3.63	3.82	3.81	3.82	3.65
1984	3.77	3.73	3.72	3.71	3.69	3.57	3.51	3.49	3.65	3.79	3.82	3.80	3.68
						ITALIAN CHEESE							
						Dollars per hundredweight							
1988	**11.60**	**11.20**	**11.03**	**10.88**	**10.73**	**10.55**	**10.66**	**11.23**	**12.16**	**12.78**	**13.07**	**13.11**	**11.49**
1987	12.48	11.98	11.76	11.64	11.50	11.35	11.27	11.55	11.95	12.11	12.06	11.81	11.76
1986	11.86	11.77	11.71	11.58	11.47	11.34	11.31	11.71	12.31	12.77	12.98	12.88	11.92
1985	13.18	13.00	12.66	12.23	11.95	11.55	11.23	11.28	11.66	12.00	12.07	11.96	12.01
1984	12.84	12.73	12.75	12.71	12.62	12.50	12.46	12.62	13.33	13.64	13.65	13.36	12.90
						Percent milkfat							
1988	**3.84**	**3.82**	**3.79**	**3.77**	**3.69**	**3.56**	**3.52**	**3.54**	**3.73**	**3.88**	**3.94**	**3.92**	**3.74**
1987	3.82	3.79	3.78	3.74	3.67	3.58	3.50	3.55	3.70	3.88	3.90	3.85	3.72
1986	3.86	3.83	3.81	3.76	3.71	3.63	3.58	3.63	3.79	3.89	3.91	3.88	3.76
1985	3.84	3.82	3.79	3.74	3.67	3.59	3.53	3.57	3.72	3.87	3.91	3.89	3.73
1984	3.86	3.81	3.81	3.78	3.75	3.67	3.62	3.60	3.76	3.87	3.91	3.87	3.77

HAY—Acreage, Production, and Prices

Hay is the cornerstone of the dairy industry in Wisconsin. Without this high quality forage crop, Wisconsin could not hold its position as a dairy state. From the standpoint of acreage, hay and pastures easily account for over a third of the acreage in farms in the state. During the past year, hay has become a significant cash crop as its value has escalated because of the drought of 1988.

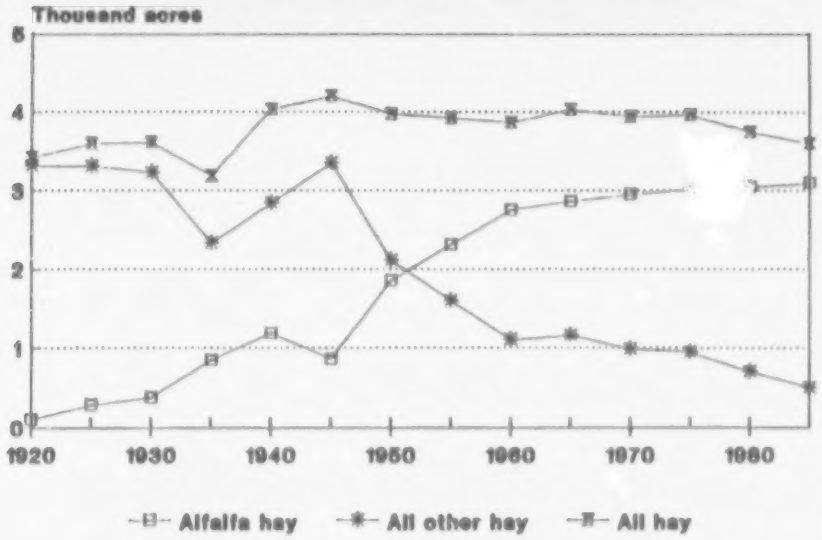
The importance of the crop as feed for the dairy farm or cash crop farmer has led to many improvements in handling techniques and genetic characteristics. New varieties have made alfalfa much more tolerant of harsh winter conditions or dry summers. In addition, varieties are available that can be direct-seeded, hastening the availability of the crop and avoiding costs associated with nurse crops. Harvesting and storage techniques have also been improved to insure high quality forage. With the advent of sealed storage facilities, haylage has become far more common. Farmers can now chop their hay and store it in silos and not worry about having ideal weather conditions to dry the hay before baling. Even the handling of dry hay has been vastly improved now, making it possible for one person to cut, bale, and store hay for future use.

New procedures, using an infrared spectrometer and a computer, make it possible to analyze hay to determine its feed value. With this information, the dairy farmer can balance his feeding rations to insure the best possible milk production plus use his feed in the most efficient manner.

In 1988 Wisconsin ranked ninth nationwide in total dry hay production. This sharp drop from number two in 1987 is the result of the drought. Overall, dry hay production is on a decline as more farmers harvest their crop as haylage. Considering the amount of haylage and green chop on a dry equivalent basis, Wisconsin is still a leading state in hay production.

This section highlights hay acreage, production, and prices in Wisconsin and the United States. County level production information can be found on pages 38-43. The majority of the information on the following pages refers to dry hay production and does not take into account haylage or greenchop.

WISCONSIN HAY ACREAGES



Hay hasn't always been the dominant crop in Wisconsin. However, with the decline of wheat in the 1870's and the rise of the dairy and cattle industries, forage crops also increased. Wild hays were gradually replaced with higher yielding tame hays—clover, timothy, and alfalfa.

Clover and timothy hay were the first forage varieties grown, as they were well adapted to the Wisconsin climate. Alfalfa first made its appearance in the record books in about 1900. It slowly gained acceptance, primarily in the southern and western portions of the state. During the mid thirties, extremely dry weather took its toll on clover and timothy and farmers planted the drought hardy alfalfa, moving it over the one million acre level for the first time. However, it wasn't until the 1950's when new winter hardy varieties were developed that alfalfa was able to surpass the other hays to become the primary forage crop of Wisconsin.

ALFALFA HAY
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Acres harvested	Yield per acre	Production	Calendar year average	Value of production 1/
	1,000	Tons	1,000 tons	Dollars	1,000 dollars
1966	2,929	2.60	7,615	23.62	179,866
1967	2,988	2.75	8,217	20.75	170,503
1968	2,988	2.90	8,665	19.13	165,761
1969	2,958	3.05	9,022	18.04	162,757
1970	2,958	2.85	8,430	19.46	164,048
1971	3,017	2.95	8,900	21.04	187,256
1972	2,950	2.85	8,408	25.79	216,842
1973	2,970	2.90	8,613	31.08	267,692
1974	3,000	2.90	8,700	32.29	280,923
1975	3,020	2.85	8,607	46.21	397,729
1976	3,010	2.20	6,622	61.83	409,438
1977	3,100	3.25	10,075	66.92	674,219
1978	3,100	3.10	9,610	41.00	394,010
1979	3,100	3.30	10,230	34.29	350,787
1980	3,050	3.50	10,675	37.54	400,740
1981	2,850	3.30	9,405	55.33	520,379
1982	3,050	3.65	11,133	75.33	838,649
1983	3,200	3.40	10,880	74.58	811,430
1984	3,150	3.60	11,340	74.17	841,088
1985	3,100	3.20	9,920	68.25	677,040
1986	3,150	3.00	9,450	64.25	607,163
1987	2,800	2.80	7,840	56.50	442,960
1988	3,100	1.40	4,340	87.25	378,665

1/Derived value of production, equals totai production times *calendar year* average.

ALL OTHER HAY
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Acres harvested	Yield per acre	Production	Calendar year average	Value of production 1/
	1,000	Tons	1,000 tons	Dollars	1,000 dollars
1966	1,059	1.89	2,006	20.92	41,966
1967	1,034	2.04	2,106	19.17	40,372
1968	1,002	2.17	2,177	17.79	38,729
1969	999	2.28	2,273	16.21	36,845
1970	989	2.24	2,211	15.38	34,005
1971	970	2.25	2,183	16.38	35,758
1972	970	1.85	1,795	21.33	38,287
1973	980	2.05	2,009	25.96	52,154
1974	950	2.00	1,900	26.79	50,901
1975	950	2.10	1,995	37.33	74,473
1976	970	1.55	1,504	49.71	74,764
1977	940	2.05	1,927	55.79	107,507
1978	900	2.25	2,025	34.25	69,356
1979	800	2.50	2,000	27.08	54,160
1980	700	2.20	1,540	28.67	44,152
1981	600	2.20	1,320	42.29	55,823
1982	600	2.70	1,620	56.92	92,210
1983	600	2.20	1,320	51.58	68,086
1984	550	2.60	1,430	55.67	79,608
1985	500	2.40	1,200	49.75	59,700
1986	530	2.50	1,325	53.50	70,888
1987	520	2.00	1,040	40.09	41,694
1988	650	0.90	585	60.56	35,439

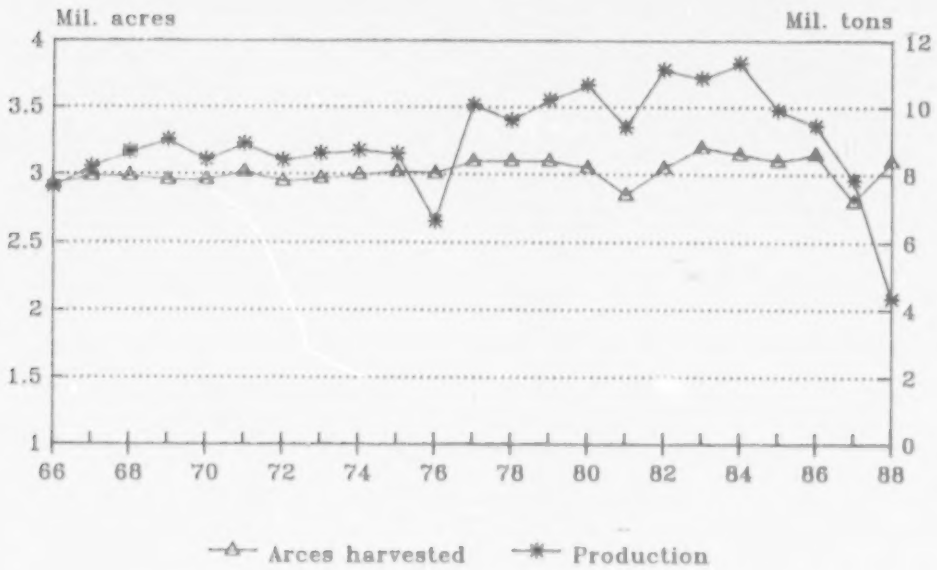
1/Derived value of production, equals total production times *calendar year* average.

ALL HAY: Production, Farm Use, Sales and Value, Wisconsin

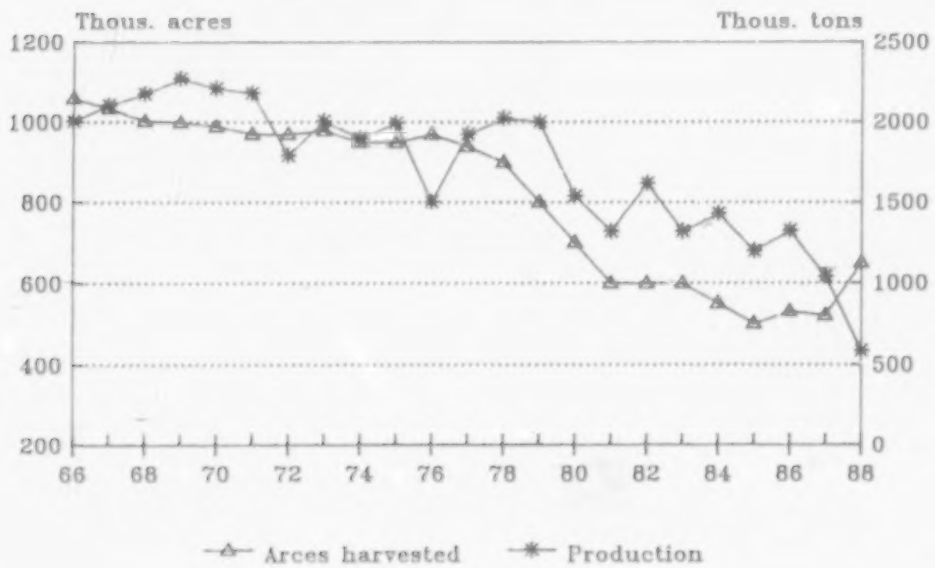
Crop year	Production	Used on farms where produced	Sold	Sales as % of production	Marketing year average	Value	
						Production	Sales
	1,000 tons			Percent	Dollars	1,000 dollars	
1966	9,621	8,899	722	7.5	22.00	211,662	15,884
1967	10,323	9,497	826	8.0	19.50	201,299	16,107
1968	10,842	10,083	759	7.0	18.00	195,156	13,662
1969	11,295	10,504	791	7.0	18.00	203,310	14,238
1970	10,641	9,843	798	7.5	19.00	202,179	15,162
1971	11,083	10,307	776	7.0	21.00	232,743	16,296
1972	10,203	9,438	765	7.5	29.00	295,887	22,185
1973	10,622	9,878	744	7.0	30.00	318,660	22,320
1974	10,600	9,858	742	7.0	34.00	360,400	25,228
1975	10,602	9,754	848	8.0	47.00	498,294	39,856
1976	8,126	7,517	609	7.5	70.00	568,820	42,630
1977	12,002	10,862	1,140	9.5	54.00	648,108	61,560
1978	11,635	10,937	698	6.0	36.00	418,860	25,128
1979	12,300	11,423	807	6.6	31.00	389,205	25,017
1980	12,215	11,421	794	6.5	41.50	520,618	32,951
1981	10,725	9,663	1,062	9.9	66.00	729,630	70,092
1982	12,753	11,707	1,046	8.2	66.50	848,075	69,559
1983	12,200	11,346	854	7.0	77.00	939,400	65,758
1984	12,770	11,646	1,124	8.8	64.00	817,280	71,936
1985	11,120	-	-	-	73.50	817,320	-
1986	10,775	10,021	754	7.0	53.00	571,075	39,962
1987	8,880	8,170	710	8.0	53.50	475,080	41,535
1988	4,925				114.00	561,450	

1/*Marketing year* average June-May.

ALFALFA HAY: Production and Acres Harvested, Wisconsin



ALL OTHER HAY: Production and Acres Harvested, Wisconsin



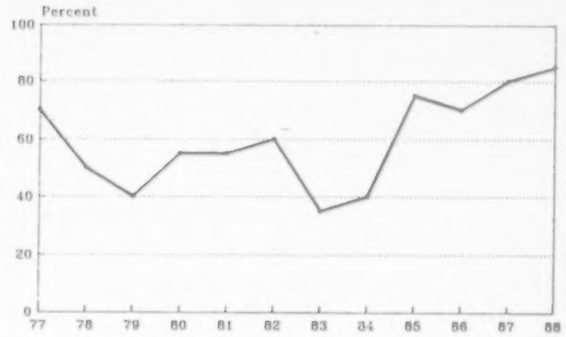
ALFALFA HAY: Production by County

ALL OTHER HAY: Production by County

HAY: Percent of First Crop Harvested by Specified Dates, Wisconsin

Year	June						July		
	5	10	15	20	25	30	5	10	15
1977	30	40	55	70	80	90	95	95	100
1978	5	20	40	50	65	75	75	80	90
1979	5	10	25	40	60	75	80	90	95
1980	5	15	30	55	70	85	90	95	100
1981	10	20	35	55	65	75	85	90	100
1982	10	30	45	60	75	80	85	95	100
1983	5	10	25	35	55	70	80	85	95
1984	5	15	25	40	55	85	90	95	95
1985	35	55	70	75	85	90	95	100	100
1986	30	55	60	70	80	85	90	95	100
1987	20	45	60	80	85	90	95	95	100
1988	45	70	80	85	90	95	100	100	100

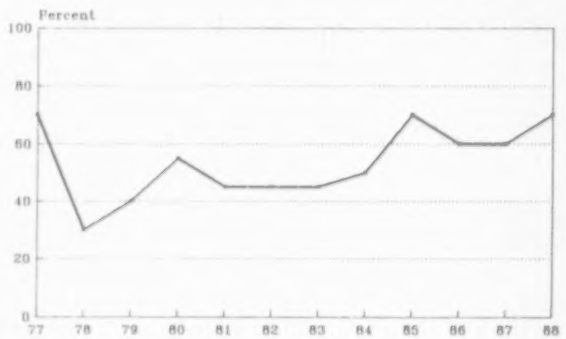
HAY: Percent of First Crop Harvested, Wisconsin, June 20



HAY: Percent of Second Crop Harvested by Specified Dates, Wisconsin

Year	July				August				
	15	20	25	30	5	10	15	20	25
1977	30	45	60	70	75	85	90	95	100
1978	5	15	20	30	45	60	65	75	80
1979	5	20	30	40	50	60	65	70	70
1980	15	30	45	55	70	75	80	85	85
1981	15	25	35	45	50	60	70	75	85
1982	10	20	30	45	55	65	75	85	85
1983	10	20	30	45	55	65	75	80	85
1984	10	25	35	50	65	60	70	80	85
1985	30	45	60	70	75	85	85	90	90
1986	20	30	45	60	70	75	75	85	90
1987	25	40	55	60	70	75	80	85	90
1988	40	55	60	70	75	80	80	85	90

HAY: Percent of Second Crop Harvested, Wisconsin, July 30

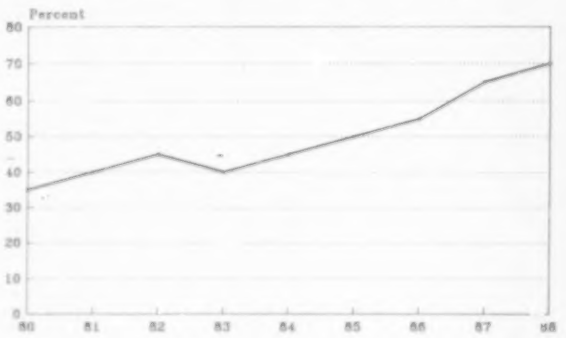


HAY: Percent of Third Crop Harvested by Specified Dates, Wisconsin

Year	August			September					
	20	25	30	5	10	15	20	25	30
1977	20	25	30	35	45	n.a.	n.a.	n.a.	n.a.
1978	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1979	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1980	5	10	15	15	25	35	40	60	75
1981	5	15	20	20	30	40	55	65	80
1982	10	15	20	30	40	45	50	70	80
1983	10	15	20	30	35	40	50	65	75
1984	5	15	25	35	40	45	55	65	70
1985	20	25	35	35	40	50	60	65	70
1986	20	25	30	35	50	55	55	55	60
1987	20	30	45	60	60	65	70	75	80
1988	25	35	45	55	60	70	75	80	85

N.a. = not available.

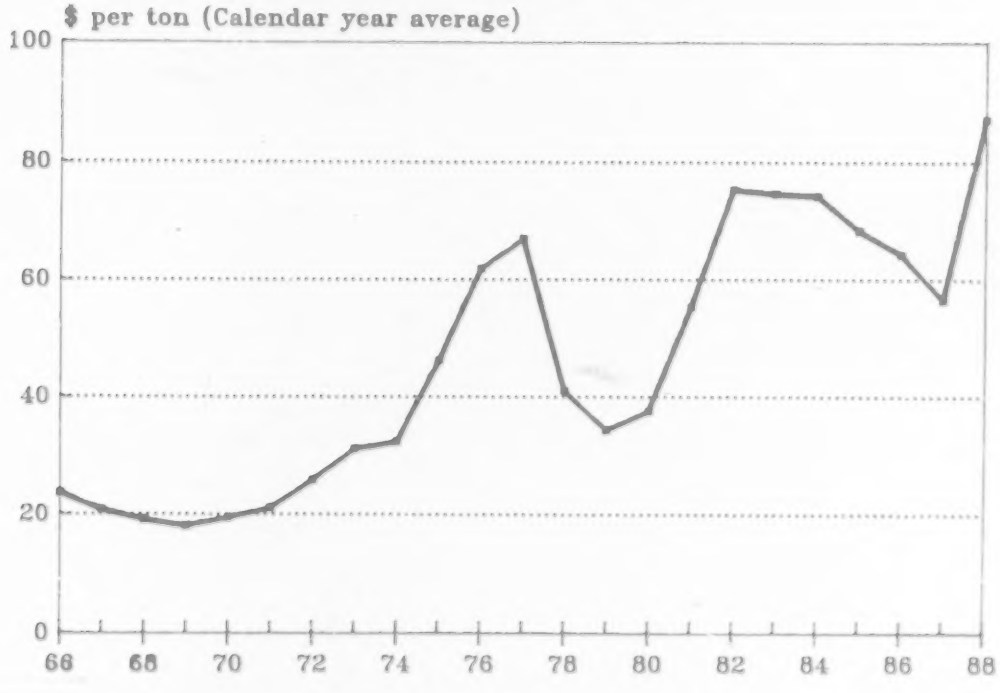
HAY: Percent of Third Crop Harvested, Wisconsin, Sept. 15



ALFALFA HAY: Average Prices Received By Farmers, Wisconsin

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Calendar year avg.
	Dollars per ton												
1966	26.00	26.50	26.50	26.00	26.00	25.00	22.00	21.00	21.00	21.00	21.00	21.50	23.62
1967	22.50	23.00	23.00	22.50	21.00	21.00	19.50	19.00	19.00	19.00	19.00	20.50	20.75
1968	20.50	20.00	21.00	20.00	20.00	20.00	18.00	18.00	18.50	18.00	17.50	18.00	19.13
1969	18.50	19.00	18.50	19.00	18.50	18.00	17.00	16.50	17.00	18.00	18.00	18.50	18.04
1970	19.50	20.00	20.50	20.00	19.50	18.50	17.50	17.50	19.00	20.50	20.50	20.50	19.46
1971	20.50	21.50	21.50	22.00	22.00	21.00	20.00	20.00	20.00	21.00	21.50	21.50	21.04
1972	23.50	23.00	23.00	23.00	23.00	23.00	25.00	26.00	26.00	30.00	31.00	33.00	25.79
1973	37.00	36.00	34.50	32.50	31.50	27.50	28.00	28.50	27.50	29.00	30.50	30.50	31.08
1974	32.00	35.00	35.00	34.00	33.00	29.00	29.00	30.00	30.00	31.50	32.00	37.00	32.29
1975	37.00	38.50	40.50	43.00	47.00	47.00	45.50	49.00	53.50	54.00	50.00	49.50	46.21
1976	50.50	52.50	52.50	51.00	52.00	57.00	62.00	64.50	69.00	72.00	78.50	80.50	61.83
1977	84.50	85.50	87.50	82.50	78.50	73.50	59.50	52.00	50.00	50.50	49.00	50.00	66.92
1978	52.50	49.50	47.00	46.50	43.00	40.00	37.00	35.50	34.00	35.50	35.50	36.00	41.00
1979	39.50	40.50	35.50	36.00	36.00	34.50	32.00	31.00	34.50	32.00	30.00	30.00	34.29
1980	31.50	32.50	33.00	34.00	34.50	37.00	41.00	42.00	40.00	42.00	42.00	41.00	37.54
1981	45.00	47.00	46.50	46.00	46.00	47.50	59.00	60.00	62.00	65.00	65.00	75.00	55.33
1982	80.00	88.00	90.00	90.00	80.00	69.00	69.00	63.00	65.00	68.00	67.00	75.00	75.33
1983	75.00	65.00	72.00	75.00	73.00	70.00	77.00	80.00	68.00	75.00	85.00	80.00	74.58
1984	80.00	85.00	96.00	90.00	85.00	78.00	65.00	58.00	60.00	62.00	56.00	75.00	74.17
1985	64.00	71.00	67.00	68.00	50.00	80.00	67.00	60.00	60.00	75.00	72.00	85.00	68.25
1986	88.00	88.00	92.00	78.00	60.00	50.00	45.00	50.00	50.00	55.00	55.00	60.00	64.25
1987	55.00	57.00	58.00	58.00	60.00	50.00	55.00	60.00	60.00	50.00	50.00	65.00	56.50
1988	60.00	60.00	60.00	60.00	55.00	70.00	113.00	108.00	110.00	110.00	110.00	131.00	87.25

WISCONSIN ALFALFA HAY PRICES

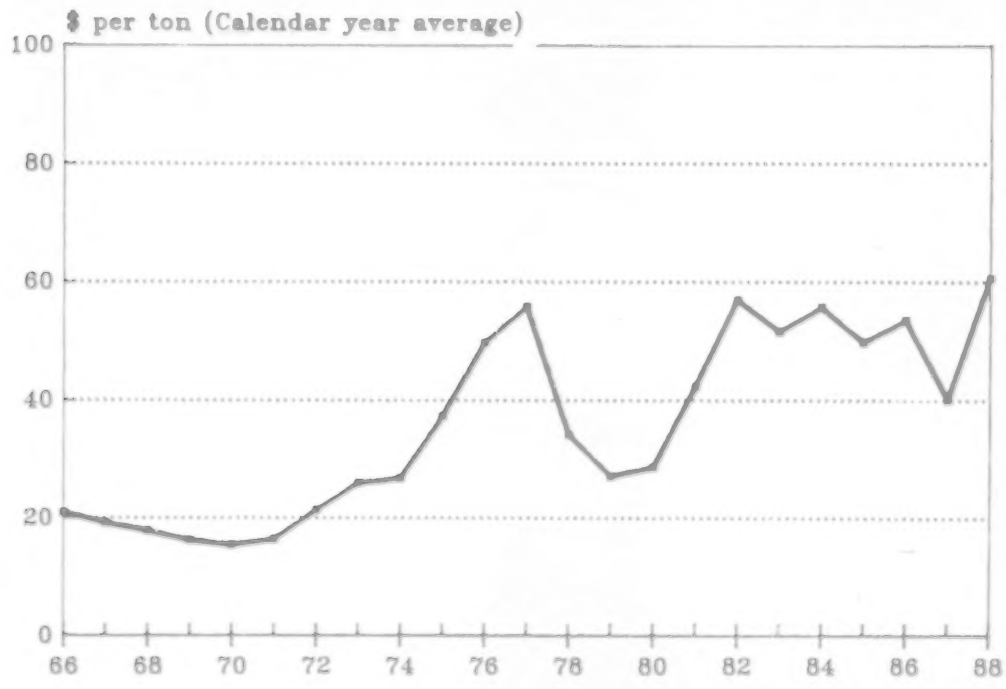


ALL OTHER HAY: Average Prices Received By Farmers, Wisconsin

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Calendar year avg.
	Dollars per ton												
1966	23.00	23.50	24.00	22.50	22.50	21.00	19.00	18.50	18.50	19.00	19.50	20.00	20.92
1967	21.00	21.50	22.00	20.50	19.50	19.00	17.50	17.00	17.50	18.00	18.00	18.50	19.17
1968	19.00	19.00	19.50	19.00	18.50	18.50	17.00	17.00	16.50	16.00	16.50	17.00	17.79
1969	17.00	17.50	17.00	17.50	17.00	16.00	15.50	15.00	15.50	15.50	15.50	15.50	16.21
1970	16.00	16.00	16.50	16.50	16.00	15.00	14.00	14.00	14.00	15.00	16.00	15.50	15.38
1971	15.50	17.50	17.00	17.50	17.50	16.50	15.00	15.00	16.00	16.00	16.50	16.50	16.38
1972	19.00	19.00	19.00	20.00	19.00	19.00	20.00	21.00	21.00	25.00	26.00	28.00	21.33
1973	30.00	30.00	28.50	26.50	25.50	23.50	24.50	25.00	23.50	24.50	25.00	25.00	25.96
1974	26.00	28.00	27.00	34.00	26.50	23.50	23.00	24.50	24.00	26.00	27.00	32.00	26.79
1975	31.50	32.50	35.00	39.00	41.00	39.00	36.50	39.00	40.00	40.00	37.50	37.00	37.33
1976	39.00	41.00	40.50	39.00	40.00	45.00	48.50	52.50	57.50	58.50	66.00	69.00	49.71
1977	73.00	74.00	75.00	71.00	65.50	57.00	45.50	43.00	42.00	41.00	40.50	42.00	55.79
1978	45.50	43.00	40.00	38.50	37.00	34.50	30.00	29.00	26.50	27.00	29.50	30.50	34.25
1979	32.50	32.50	29.00	31.00	28.00	25.00	25.00	23.50	24.50	23.50	25.50	25.00	27.08
1980	26.00	28.00	26.00	26.00	25.50	27.50	31.00	31.00	30.00	32.00	31.00	30.00	28.67
1981	34.00	34.50	35.50	35.00	35.00	36.50	45.00	46.00	48.00	48.00	50.00	60.00	42.29
1982	60.00	67.00	67.00	67.00	63.00	50.00	50.00	50.00	46.00	50.00	54.00	59.00	56.92
1983	55.00	56.00	47.00	50.00	50.00	48.00	50.00	50.00	48.00	50.00	50.00	65.00	51.58
1984	65.00	70.00	65.00	58.00	60.00	58.00	52.00*	55.00*	45.00	45.00	45.00	50.00	55.67
1985	40.00	45.00	50.00	50.00	37.00	45.00	40.00	42.00*	45.00*	72.00	56.00	75.00	49.75
1986	56.00	75.00	85.00	76.00	55.00	45.00	40.00	40.00	40.00	45.00	45.00	40.00	53.50
1987	40.00	35.00	36.00	39.00	36.00	40.00	40.00	45.00	45.00	40.00	40.00	45.00	40.09
1988	45.00	40.00	42.00	44.00	45.00	55.00	83.00	80.00	62.00	66.00	73.00	92.00	60.58

*Mid-month price.

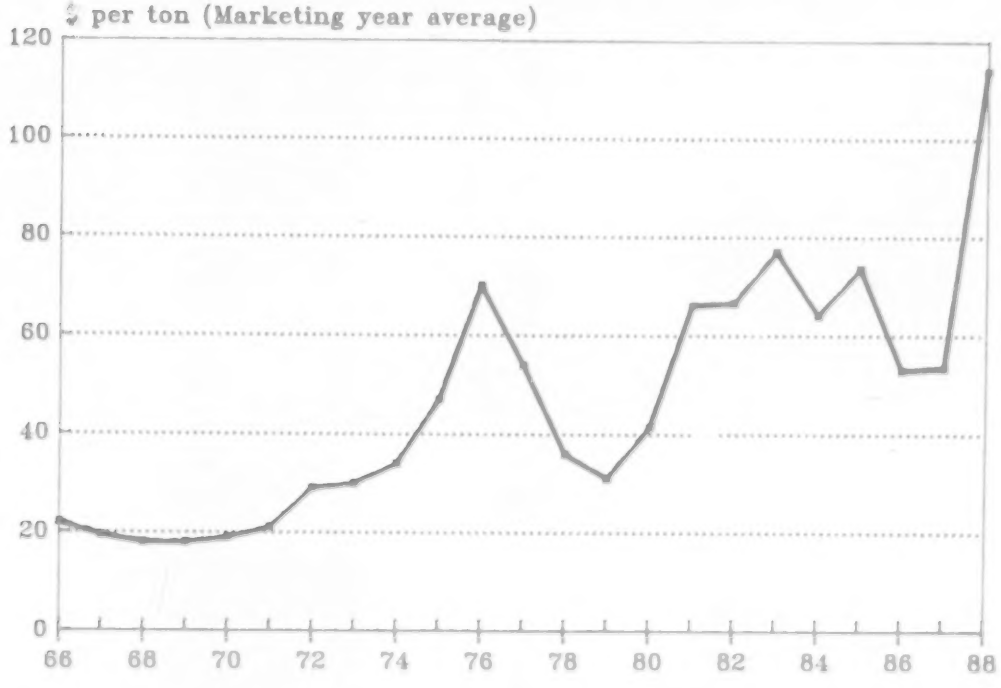
WISCONSIN ALL OTHER HAY PRICES



ALL HAY: Average Prices Received By Farmers, Wisconsin

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Marketing year avg.
	Dollars per ton												
1966	25.00	25.50	25.50	25.00	25.00	24.00	21.00	20.50	20.50	20.50	20.50	21.00	22.00
1967	22.00	22.50	22.50	22.00	20.50	20.50	19.00	18.50	18.50	18.50	18.50	20.00	19.50
1968	20.00	19.50	20.50	19.50	19.50	19.50	17.50	17.50	18.00	17.50	17.00	17.50	18.00
1969	18.00	18.50	18.00	18.50	18.00	17.50	16.50	16.00	16.50	17.50	17.50	18.00	18.00
1970	18.50	19.00	19.50	19.00	18.50	16.50	16.50	16.50	18.00	19.50	19.50	19.50	19.00
1971	19.50	20.50	20.50	21.00	21.00	20.00	19.00	19.00	19.00	20.00	20.50	20.50	21.00
1972	22.50	22.00	22.00	22.50	22.00	22.00	24.00	25.00	25.00	29.00	30.00	32.00	29.00
1973	35.50	35.00	33.00	31.00	30.00	26.50	27.50	28.00	27.00	28.00	29.50	29.50	30.00
1974	31.00	33.50	33.50	32.50	32.00	28.00	29.00	29.50	28.50	31.00	31.00	36.00	34.00
1975	36.00	37.50	39.50	42.50	46.00	45.50	44.00	47.50	50.50	51.50	47.50	47.00	47.00
1976	48.00	50.00	50.00	48.50	49.50	54.50	59.50	62.00	66.50	69.50	76.00	78.00	70.00
1977	82.00	83.00	85.00	80.00	76.00	70.00	56.50	50.00	48.50	48.50	47.50	48.50	54.00
1978	51.00	48.00	45.50	45.00	42.00	39.00	35.50	34.00	32.50	34.00	34.50	35.00	36.00
1979	38.00	39.00	34.00	35.00	34.50	32.50	30.50	29.50	32.50	30.50	29.00	29.00	31.00
1980	30.50	31.50	33.00	32.50	32.50	35.00	37.50	38.00	38.00	40.00	40.00	39.00	41.50
1981	44.00	44.00	43.00	42.00	44.00	45.50	56.50	55.00	55.00	62.00	62.00	72.00	66.00
1982	76.00	84.00	85.00	85.00	77.00	65.00	65.00	60.00	58.00	63.00	64.00	72.00	66.50
1983	72.00	63.00	66.00	71.00	66.00	63.00	68.00	74.00	65.00	69.00	71.00	75.00	77.00
1984	79.00	81.00	90.00	80.00	79.00	76.00	65.00	58.00	59.00	59.00	56.00	70.00	64.00
1985	63.00	70.00	66.00	66.00	49.00	77.00	63.00	60.00	60.00	75.00	70.00	84.00	73.50
1986	83.00	85.00	91.00	78.00	59.00	50.00	45.00	48.00	48.00	52.00	54.00	57.00	53.00
1987	53.00	54.00	54.00	54.00	55.00	46.00	55.00	57.00	56.00	49.00	49.00	61.00	53.50
1988	55.00	55.00	55.00	54.00	53.00	67.00	106.00	105.00	103.00	105.00	104.00	126.00	114.00

WISCONSIN ALL HAY PRICES



ALFALFA HAY
20 Leading Wisconsin Counties, 1987

County	Acres harvested	Yield per acre	Production	Rank
	Acres	Tons		
Grant	114,000	3.7	426,000	1
Dane	91,200	3.3	304,000	2
Iowa	81,000	3.2	262,000	3
Vernon	94,000	2.7	258,000	4
Dodge	76,000	3.3	252,000	5
Green	84,500	2.9	245,000	6
Trempealeau	75,000	3.0	228,000	7
Sauk	70,000	3.1	219,000	8
Lafayette	67,000	3.2	217,000	9
Marathon	82,800	2.5	206,000	10
Monroe	70,000	2.9	200,000	11
Dunn	67,500	2.6	173,000	12
Fond du Lac	63,000	2.7	170,500	13
Chippewa	66,500	2.5	169,300	14
Barron	72,000	2.3	169,000	15 *
Richland	61,000	2.8	169,000	15 *
Jefferson	43,000	3.9	167,000	17
Crawford	53,000	3.1	166,000	18
Shawano	66,400	2.5	164,000	19
St. Croix	57,300	2.8	158,000	20

*Tied.

ALL OTHER HAY
20 Leading Wisconsin Counties, 1987

County	Acres harvested	Yield per acre	Production	Rank
	Acres	Tons		
Clark	51,700	2.0	103,000	1
Marathon	46,500	2.1	99,000	2
Taylor	30,300	1.7	50,000	3
Chippewa	21,700	2.2	47,500	4
Wood	23,600	2.0	46,800	5
Rusk	22,100	1.5	32,200	6
Barron	13,800	1.8	25,500	7
St. Croix	9,300	2.7	25,400	8
Price	16,000	1.5	23,900	9
Dane	6,700	2.9	19,700	10
Polk	10,500	1.8	18,400	11
Ashland	9,700	1.8	17,600	12
Vernon	7,200	2.4	17,000	13
Langlade	9,100	1.8	16,000	14 *
Oconto	7,300	2.2	16,000	14 *
Trempealeau	6,500	2.4	15,800	16
Dunn	6,800	2.3	15,300	17
Fond du Lac	5,800	2.6	15,000	18
Lincoln	9,500	1.6	14,900	19
Portage	8,900	1.7	14,800	20 *
Douglas	12,800	1.2	14,800	20 *

*Tied.

ALFALFA HAY
20 Leading Wisconsin Counties, 1988

County	Acres harvested	Yield per acre	Production	Rank
	Acres	Tons		
Grant	124,500	1.5	192,800	1
Vernon	102,000	1.7	174,500	2
Dane	100,000	1.6	160,500	3
Dodge	82,400	1.9	155,200	4
Sauk	76,100	1.7	132,600	5
Trempealeau	79,900	1.5	120,000	6
Fond du Lac	71,800	1.7	119,400	7
Iowa	86,100	1.3	116,200	8
Green	92,000	1.2	113,200	9
Lafayette	72,900	1.5	111,600	10
Shawano	78,000	1.3	105,900	11
Monroe	75,900	1.3	102,400	12
Marathon	95,900	1.0	100,200	13
Richland	67,000	1.5	98,900	14
Waupaca	56,400	1.7	95,300	15
Outagamie	63,200	1.5	94,300	16
Buffalo	63,800	1.4	88,700	17
Dunn	72,700	1.2	86,600	18
Manitowoc	69,500	1.2	86,500	19
Crawford	56,400	1.5	85,400	20

ALL OTHER HAY
20 Leading Wisconsin Counties, 1988

County	Acres harvested	Yield per acre	Production	Rank
	Acres	Tons		
Clark	64,700	0.8	51,200	1
Marathon	57,600	0.9	49,200	2
Wood	29,300	1.0	28,300	3
Taylor	39,000	0.6	25,300	4
Chippewa	27,000	0.9	25,200	5
Rusk	28,200	0.6	17,500	6
Price	19,600	0.7	13,800	7
Oconto	8,700	1.5	12,800	8
Barron	17,000	0.7	12,500	9
Shawano	8,600	1.3	11,400	10 *
St. Croix	11,800	1.0	11,400	10 *
Douglas	16,700	0.7	10,900	12
Langlade	10,800	1.0	10,500	13
Dane	8,700	1.2	10,200	14
Fond du Lac	7,000	1.4	9,700	15
Polk	13,200	0.7	9,500	16
Bayfield	16,100	0.6	9,300	17
Outagamie	6,200	1.5	9,100	18
Manitowoc	7,000	1.3	8,800	19 *
Portage	10,800	0.8	8,800	19 *

*Tied.

ALL HAY
20 Leading Wisconsin Counties, 1987

County	Acres harvested	Yield per acre	Production	Rank
	Acres	Tons		
Grant	118,500	5.6	667,200	1
Marathon	129,300	4.7	603,000	2
Dane	97,900	5.2	506,700	3
Clark	100,000	4.8	476,000	4
Green	89,200	4.9	435,500	5
Iowa	84,400	4.9	411,800	6
Vernon	101,200	4.0	409,000	7
Dodge	81,100	5.0	404,500	8
Lafayette	71,000	5.6	394,100	9
Sauk	75,100	5.1	386,500	10
Chippewa	88,200	4.1	359,800	11
Barron	85,800	4.1	355,500	12
Shawano	73,500	4.8	355,200	13
Trempealeau	81,500	4.3	351,800	14
Dunn	74,300	4.7	350,300	15
Fond du Lac	68,800	4.9	338,500	16
Monroe	75,700	4.3	328,400	17
St. Croix	66,600	4.7	315,400	18
Manitowoc	64,800	4.7	307,500	19
Richland	66,100	4.6	306,600	20

ALL HAY
20 Leading Wisconsin Counties, 1988

County	Acres harvested	Yield per acre	Production	Rank
	Acres	Tons		
Grant	130,600	2.4	308,300	1
Marathon	153,500	1.9	298,800	2
Dane	108,700	2.4	263,500	3
Vernon	110,300	2.3	250,600	4
Shawano	87,400	2.8	244,100	5
Dodge	89,100	2.7	242,000	6
Sauk	82,900	2.7	227,100	7
Clark	120,100	1.8	220,800	8
Fond du Lac	78,800	2.8	220,500	9
Green	98,000	2.1	202,800	10
Layfayette	77,200	2.5	196,600	11
Waupaca	64,600	2.9	189,900	12
Trempealeau	88,100	2.1	187,100	13
Iowa	90,300	2.1	185,700	14
Dunn	80,900	2.3	183,000	15
Outagamie	69,400	2.6	182,900	16
Monroe	83,000	2.2	182,000	17
Manitowoc	76,500	2.4	180,500	18
Chippewa	102,100	1.8	179,900	19
Barron	98,800	1.8	176,600	20

HAY STOCKS ON FARMS
January 1, May 1, Wisconsin

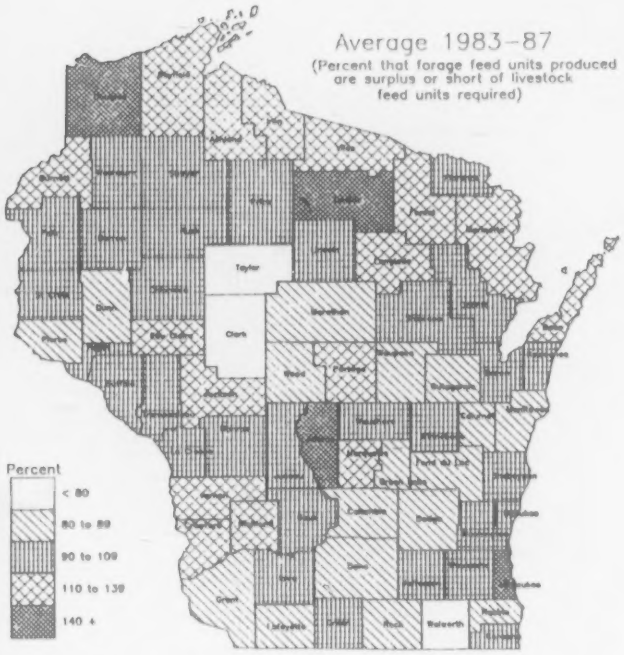
Year	January 1	May 1
	1,000 tons	
1966	6,214	1,687
1967	6,638	1,924
1968	7,226	2,374
1969	8,023	3,036
1970	8,584	2,937
1971	7,768	2,235
1972	8,091	2,549
1973	7,346	2,143
1974	7,435	2,018
1975	7,102	1,590
1976	6,891	2,226
1977	4,876	1,381
1978	8,401	2,880
1979	8,610	3,374
1980	9,662	3,669
1981	9,283	2,687
1982	7,615	2,145
1983	9,310	2,933
1984	8,662	2,196
1985	10,216	2,426
1986	7,228	1,112
1987 1/	9,482	1,616
1988 1/	7,226	1,954
1989 1/	3,792	887

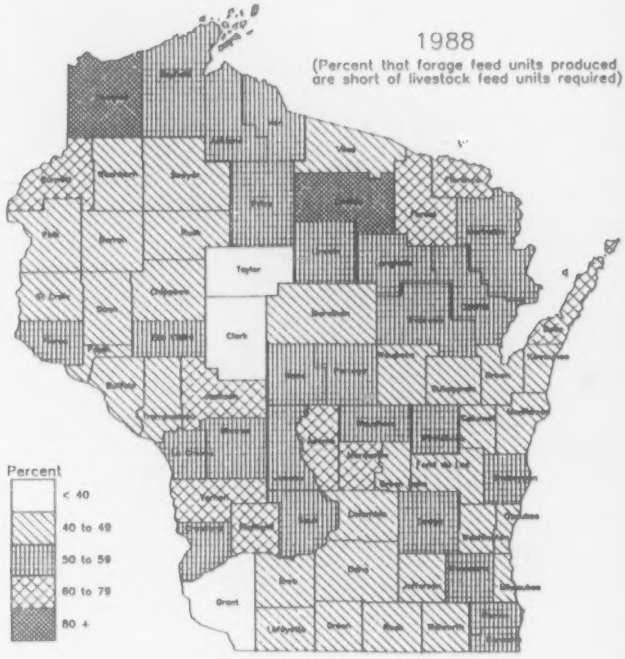
1/Hay stock survey reference data was changed from Jan. 1 to Dec. 1 beginning Dec. 1, 1986.

HAY STOCKS ON FARMS
January 1, May 1, United States

Year	January 1	May 1
	1,000 tons	
1966	88,609	22,720
1967	84,881	21,938
1968	88,460	24,929
1969	89,687	23,664
1970	89,365	24,056
1971	87,651	22,200
1972	89,445	25,472
1973	88,790	24,311
1974	93,159	25,353
1975	84,687	18,505
1976	86,411	25,541
1977	77,651	19,540
1978	92,136	24,184
1979	99,024	30,108
1980	107,707	33,192
1981	91,689	25,374
1982	99,160	24,981
1983	103,996	28,118
1984	89,280	20,148
1985	100,589	26,853
1986	96,555	26,698
1987 1/	121,734	32,418
1988 1/	119,845	27,353
1989 1/	90,887	17,627

1/Hay stock survey reference data was changed from Jan. 1 to Dec. 1 beginning Dec. 1, 1986.





FORAGE FEED UNITS PRODUCED AS A PERCENT OF LIVESTOCK FEED UNITS REQUIRED By Districts, Wisconsin, 1983-88 1/

District	Production As A Percent Of Requirements					
	1983	1984	1985	1986	1987	1988
N. W.	98	100	106	107	86	45
N. C.	85	86	91	75	67	42
N. E.	106	107	109	110	94	54
W. C.	98	100	98	106	92	50
C.	99	100	105	108	92	53
E. C.	90	91	92	89	82	48
S. W.	92	96	99	105	97	49
S. C.	84	90	93	98	83	45
S. E.	95	95	91	98	88	46
Wis.	93	95	97	99	87	48

1/Feed unit is the quantity of any feed that is equivalent in feeding value to corn.

FORAGE FEED UNITS PRODUCED AS A PERCENT OF LIVESTOCK FEED UNITS REQUIRED
By Counties, Wisconsin, 1984-88 1/

County	1984	1985	1986	1987	1988
	Percent				
Barron	90	97	99	84	41
Bayfield	127	127	134	102	57
Burnett	134	146	154	121	64
Chippewa	91	97	101	80	42
Douglas	164	160	171	138	87
Polk	103	114	112	87	45
Rusk	95	99	98	77	44
Sawyer	99	96	91	79	43
Washburn	110	113	112	92	48
N. W. Dist	**100**	**106**	**107**	**86**	**45**
Ashland	134	133	110	99	56
Clark	79	84	71	63	38
Iron	156	143	108	108	53
Lincoln	106	111	93	80	50
Marathon	86	92	74	70	44
Oneida	238	279	196	165	95
Price	110	107	91	75	52
Taylor	75	76	64	55	38
Vilas	137	142	78	108	46
N. C. Dist.	**86**	**91**	**75**	**67**	**42**
Florence	114	99	75	116	72
Forest	136	129	123	119	64
Langlade	121	113	127	103	57
Marinette	125	119	119	100	57
Oconto	105	111	110	96	54
Shawano	97	102	104	87	50
N. E. Dist.	**107**	**109**	**110**	**94**	**54**
Buffalo	111	107	105	88	49
Dunn	84	82	91	79	43
Eau Claire	121	120	131	110	56
Jackson	115	110	126	119	61
La Crosse	92	93	102	91	54
Monroe	102	102	117	99	52
Pepin	103	103	112	95	45
Pierce	89	85	93	80	51
St. Croix	93	92	103	89	49
Trempealeau	110	105	108	92	49
W. C. Dist.	**100**	**98**	**106**	**92**	**50**
Adams	147	162	183	151	73
Green Lake	90	94	98	81	46
Juneau	95	100	105	88	52
Marquette	140	138	135	113	69
Portage	123	126	124	107	56
Waupaca	84	91	96	81	49
Waushara	105	113	120	103	54
Wood	87	90	89	80	51
C. Dist.	**100**	**105**	**108**	**92**	**53**

County	1984	1985	1986	1987	1988
	Percent				
Brown	99	97	91	80	46
Calumet	87	88	82	75	42
Door	140	140	139	127	63
Fond du Lac	82	84	80	73	44
Kewaunee	97	95	94	87	46
Manitowoc	81	83	81	76	44
Outagamie	80	88	84	78	49
Sheboygan	97	97	100	96	59
Winnebago	100	100	91	90	53
E. C. Dist	**91**	**92**	**89**	**82**	**48**
Crawford	125	128	145	129	57
Grant	77	79	85	81	39
Iowa	105	107	110	102	45
Lafayette	90	91	92	88	45
Richland	111	115	128	116	62
Sauk	92	98	99	89	53
Vernon	111	112	128	113	60
S. W. Dist.	**96**	**99**	**105**	**97**	**49**
Columbia	86	87	84	76	46
Dane	82	87	95	80	42
Dodge	91	90	95	81	50
Green	103	110	117	98	43
Jefferson	93	93	104	91	49
Rock	87	89	93	73	44
S. C. Dist.	**90**	**93**	**98**	**83**	**45**
Kenosha	113	101	110	95	54
Milwaukee	152	100	111	149	44
Ozaukee	96	94	95	81	40
Racine	98	85	93	90	55
Walworth	77	77	80	68	40
Washington	105	101	106	96	47
Waukesha	97	92	112	106	51
S. E. Dist.	**95**	**91**	**98**	**88**	**46**
State	**95**	**97**	**99**	**87**	**48**

1/Feed unit is the quantity of any feed that is equivalent in feeding value to corn.

ALFALFA HAY
Area, Yield, and Production, Selected States

State	Area harvested			Yield			Production		
	1986	1987	1988	1986	1987	1988	1986	1987	1988
	1,000 acres			Tons			1,000 tons		
California	1,080	1,150	1,100	6.60	6.70	6.60	7,128	7,705	7,260
Iowa	1,600	1,450	2,400	3.80	3.75	2.35	6,080	5,438	5,640
Minnesota	1,950	1,700	2,400	3.90	3.50	1.90	7,605	5,950	4,560
Wisconsin	3,150	2,800	3,100	3.00	2.80	1.40	9,450	7,840	4,340
Nebraska	1,350	1,300	1,350	3.45	3.55	3.00	4,658	4,615	4,050
Idaho	1,100	1,020	920	3.80	3.90	3.80	4,180	3,978	3,496
Michigan	1,400	1,180	1,300	3.60	3.20	2.60	5,040	3,776	3,380
Colorado	770	830	780	3.40	3.50	3.40	2,618	2,905	2,652
New York	925	930	970	2.85	2.80	2.70	2,636	2,604	2,619
Kansas	900	850	750	3.90	3.80	3.30	3,510	3,230	2,475
United States	26,793	25,535	26,695	3.42	3.32	2.60	91,552	84,794	69,282

ALL OTHER HAY
Area, Yield, and Production, Selected States

State	Area harvested			Yield			Production		
	1986	1987	1988	1986	1987	1988	1986	1987	1988
	1,000 acres			Tons			1,000 tons		
Texas	3,100	3,100	3,100	2.20	2.40	1.60	6,820	7,440	4,960
Missouri	2,980	3,100	3,600	1.60	1.60	1.20	4,768	4,960	4,320
Kentucky	1,540	1,900	1,950	1.80	1.80	1.50	2,772	3,420	2,925
Kansas	1,600	1,550	1,800	1.80	1.80	1.50	2,880	2,790	2,700
Oklahoma	1,550	1,800	1,900	1.80	1.70	1.40	2,790	3,060	2,660
Nebraska	2,100	1,800	2,050	1.30	1.25	1.20	2,730	2,250	2,460
Minnesota	900	925	1,600	2.30	2.00	1.50	2,070	1,850	2,400
New York	1,320	1,300	1,190	2.10	2.05	1.95	2,772	2,665	2,321
Pennsylvania	1,160	1,180	1,200	2.10	2.10	1.90	2,436	2,478	2,280
Tennessee	1,280	1,450	1,500	1.40	1.60	1.40	1,792	2,320	2,100
United States	35,626	35,213	38,864	1.80	1.83	1.48	63,977	64,508	57,535

ALL HAY
Area, Yield, and Production, Selected States

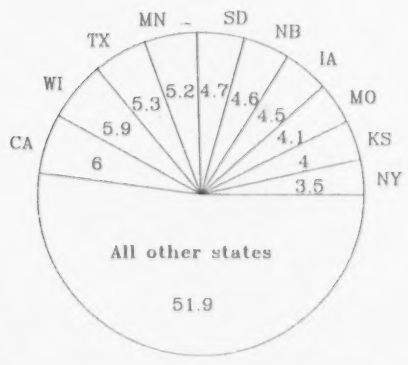
State	Area harvested			Yield			Production		
	1986	1987	1988	1986	1987	1988	1986	1987	1988
	1,000 acres			Tons			1,000 tons		
California	1,680	1,670	1,680	5.14	5.39	5.15	8,628	9,005	8,652
Minnesota	2,850	2,625	4,000	3.39	2.97	1.74	9,675	7,800	6,960
Iowa	2,400	2,000	3,200	3.33	3.35	2.11	8,000	6,703	6,760
Nebraska	3,450	3,100	3,400	2.14	2.21	1.91	7,388	6,865	6,510
Texas	3,260	3,240	3,200	2.29	2.45	1.67	7,460	7,930	5,350
Kansas	2,500	2,400	2,550	2.56	2.51	2.03	6,390	6,020	5,175
Missouri	3,400	3,520	4,000	1.77	1.76	1.29	6,028	6,178	5,160
New York	2,245	2,230	2,160	2.41	2.36	2.29	5,408	5,269	4,940
Wisconsin	3,680	3,320	3,750	2.93	2.67	1.31	10,775	8,880	4,925
Pennsylvania	2,000	2,030	2,040	2.56	2.56	2.31	5,124	5,198	4,716
United States	62,419	60,748	65,559	2.49	2.46	1.93	155,529	149,302	126,817

ALL HAY
Area, Yield, Production, Price, and Value, United States

Crop year	Area harvested	Yield per acre	Production	Marketing year average 1/	Value of production
	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars
1966	64,140	1.86	121,027	25.00	2,889,799
1967	64,667	1.95	126,300	24.50	2,866,364
1968	62,693	2.00	125,522	23.60	2,821,800
1969	59,716	2.11	126,026	24.70	2,936,788
1970	61,467	2.07	126,969	26.10	3,076,382
1971	61,355	2.10	129,132	28.10	3,335,209
1972	59,680	2.15	128,565	31.30	3,729,522
1973	61,828	2.17	134,217	41.60	5,003,991
1974	60,195	2.10	126,384	50.90	5,790,715
1975	61,353	2.16	132,397	52.10	6,458,070
1976	60,377	1.99	120,125	60.20	6,814,924
1977	60,988	2.17	132,211	53.70	6,826,441
1978	62,113	2.32	143,817	49.80	6,663,678
1979	61,279	2.40	147,307	59.50	7,362,597
1980	58,870	2.22	130,740	71.00	8,103,989
1981	59,599	2.39	142,520	67.10	9,224,932
1982	59,812	2.50	149,241	69.30	9,529,516
1983	59,717	2.36	140,764	75.80	9,967,208
1984	61,445	2.45	150,648	72.70	10,203,921
1985	60,423	2.46	148,601	67.60	9,437,282
1986	62,419	2.49	155,529	59.70	8,610,996
1987	60,748	2.46	149,302	65.10	8,969,074
1988	65,559	1.93	126,817	87.10	10,792,631

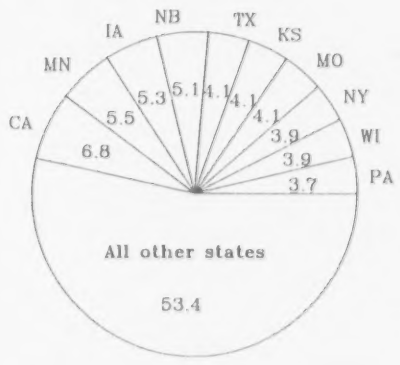
1/Marketing year average June-May.

ALL HAY, United States
1987 Production



Percent by state

ALL HAY, United States
1988 Production



Percent by state

WISCONSIN CROPS: Usual Planting and Harvesting Dates

Crops	Usual Planting Dates		Usual Harvesting Dates			Principal Producing Areas	
	Begins	Ends	Begins	Most Active	Ends	Districts	Counties
FIELD CROPS							
Corn for Grain	May 5	June 10	Oct. 5	Oct. 20 -Nov. 5	Nov. 30	SC, SW, WC	Dane, Grant, Rock
Corn for Silage	May 10	June 20	Sept. 10	Sept. 15 -Sept. 30	Oct. 20	SW, WC EC, SC	Marathon, Outagamie, Dodge
Oats	April 10	May 25	July 30	Aug. 10 -Aug. 20	Sept. 5	EC, WC SW, SC	Marathon, Grant, Manitowoc
Barley	April 15	May 15	July 25	July 30 -Aug. 10	Aug. 15	EC, NC, WC NW	Marathon, Manitowoc, Clark
Rye	Sept. 5	Oct. 15	July 10	July 15 -July 25	Aug. 5	C, WC, NC	Portage, Oneida, Pepin
Winter Wheat	Sept. 10	Sept. 30	July 15	July 20 -July 31	Aug. 5	SC, C, SE	Dodge, Dane, Jefferson
Spring Wheat	April 10	May 20	July 25	Aug. 5 -Aug. 15	Aug. 25	SC, SE	Sheboygan, Columbia, Dane
Soybeans	May 15	June 20	Oct. 5	Oct. 20 -Nov. 1	Nov. 20	SC, SE, WC	Rock, Racine, Walworth
Tobacco	June 1	July 5	Aug. 15	Aug. 25 -Sept. 10	Sept. 25	SW, SC, SE	Dane, Vernon, Rock
Potatoes	April 20	June 10	July 20	Aug. 15 -Oct. 15	Oct. 30	NC, NE, C	Portage, Langlade, Waushara
Alfalfa Hay			June 5		Oct. 5	SW, WC, SC	Grant, Dane, Iowa
All Other Hay			June 10		Sept. 30	NC, NW, WC	Clark, Marathon, Taylor
Mint	April 20	June 1	July 10	July 25 -Aug. 25	Sept. 15	C, SC, SE	Marquette, Walworth, Dane
VEGETABLES							
Onions, Storage (Fr)	April 15	May 20	Sept. 1	Sept. 10 -Oct. 1	Oct. 20	C, EC, SC, SE	Marquette, Columbia, Jefferson
Lettuce (Fr)	April 10	July 10	June 25	July 1 -Sept. 15	Oct. 1	C, SC, EC	Marquette, Fond du Lac, Adams
Carrots (Fr, Pr)	May 15	June 30	Aug. 15	Aug. 25 -Oct. 25	Nov. 15	C, NE, SC, SE	Marquette, Columbia, Jefferson, Oconto
Snap Beans (Pr)	May 10	July 10	July 10	Aug. 1 -Sept. 15	Oct. 5	C, EC, NW, NE	Portage, Waushara, Manitowoc, Adams
Sweet Corn (Pr)	May 5	June 30	Aug. 5	Aug. 15 -Sept. 25	Oct. 5	EC, SC, C	Fond du Lac, Dodge, Dane, Green Lake
Green Peas (Pr)	April 15	May 10	June 15	July 1 -July 20	Aug. 10	EC, SC, C	Fond du Lac, Dodge, Sheboygan, Dane
Cucumbers for Pickles (Pr)	May 15	June 15	July 25	Aug. 10 -Sept. 15	Oct. 1	NE, C, EC	Portage, Outagamie, Waushara, Marinette

(Fr) - Fresh Market, (Pr) - Processing

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WISCONSIN AGRICULTURAL STATISTICS SERVICE
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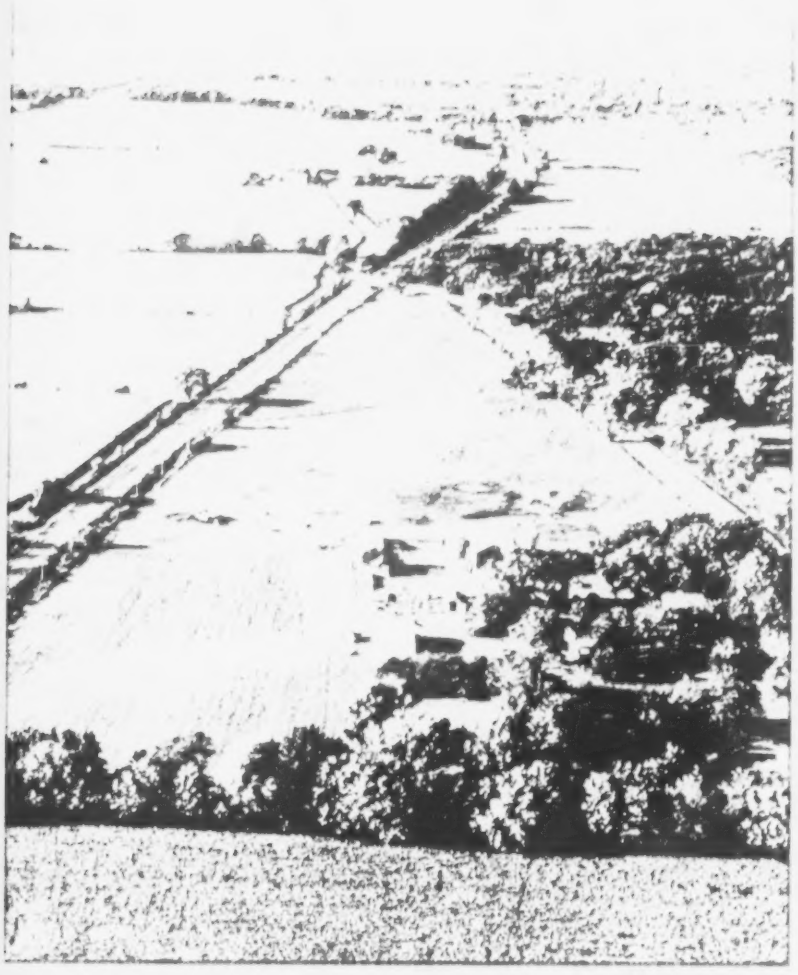

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THE 1990 WISCONSIN AGRICULTURAL STATISTICS

The Wisconsin Agricultural Statistics Service continues as a major source of information concerning Wisconsin agriculture. State, as well as county, estimates are presented for crops, dairy, livestock and poultry. Estimates for the period 1984-88 may have been revised to reflect the 1987 Census of Agriculture totals. This is particularly true for some county-level estimates.

Economic data, such as the farm balance sheet, farm income indicators and cash receipts, are also presented in the bulletin. These series are used to measure returns to producers and evaluate the performance of the agricultural sector.

Agricultural information on Wisconsin is available in issues of this series dating back to 1955. I appreciate the cooperation given to us by the State's farmers and agribusinesses who provide most of the basic information used in developing the statistics presented in this bulletin.

The cover photo is courtesy of Wisconsin State Journal.

Carrol D. Spencer
State Statistician

Special commodity supplement this year covers Specialty Crops Production, Disposition and Value

For other supplements see Agricultural Statistics dated:
1985 — Economics Affecting the Farm Business
1986 — BEEF; Production, Marketing and Consumption
1986 — RECORD HIGHS and LOWS in Wisconsin
1987 — PORK: Production, Marketing and Consumption
1988 — CORN: Production, Marketing and Prices
1989 — HAY: Production Disposition and Value
1990 — SPECIALTY CROPS: Production, Disposition & Value

June 1990

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State of Wisconsin
Department of Agriculture, Trade & Consumer Protection

FOREWORD

I look forward to serving the farmers, consumers and agribusinesses of Wisconsin as the new Secretary of the Department of Agriculture, Trade and Consumer Protection. As we enter a new decade, the challenges in agriculture will continue to require the highly competent and dedicated staff of the Department to use all the resources available to meet the demands of agriculture, agribusinesses and the consumer.

The year 1989 showed a great recovery from the drought as cash receipts from all commodities reflected nearly a 9 percent increase over 1988. Receipts from the marketings of feed grains and forage crops increased more than 18 percent above the previous year. Although milk production declined because of fewer cows and poor quality forage, record high milk prices resulted in a 7 percent increase in receipts. Milk prices have since fallen in early 1990, but dairy farmers can be optimistic. Reduced marketings of cattle and hogs coupled with lower prices resulted in receipts from livestock being 10 percent below 1988.

There are several positive developments as we look to the future of Wisconsin agriculture. There is now a national tax policy which encourages investments in farms and farm technologies only for productive reasons, not for tax avoidance. This will discourage excess production.

Shifting research priorities will probably help balance supply and demand. A recent USDA study indicated that since 1957 only one percent of the publicly funded agricultural research was directed toward finding new uses for the commodities generated from our farms and forests. Research of the future will shift from the goal of greater and greater production to a goal of developing new products and uses for agricultural commodities. Consumers will also benefit from these innovations.

A great deal was learned from the financial washout of farmers in the mid-1980s. Hopefully, ventures into high leverage and poorly understood risk-taking will not be repeated.

The increased emphasis on sustainable agriculture will be good for Wisconsin farms in several ways, one being that inelastic demand can yield somewhat better prices if the emphasis is not so much on all-out production. The self-discipline and work ethic of Wisconsin's farmers will help move Wisconsin's agriculture into the 1990s and the more competitive agricultural marketing system of a world-wide market.

Wisconsin farmers face a very competitive future in a world market which will continue to change farm structure and management. Family farms of the future will be larger and less uniform as new and powerful farm technology will dramatically change these farms. Low cost of production and aggressive marketing by specialty producers will be a key to success. Yet, there will be opportunity for those who meet these challenges well. A growing world will demand ever-increasing quantities of high quality food, fiber and renewable materials for industrial uses. Wisconsin farmers and businesses have what it takes to meet those demands.

Alan T. Tracy
Secretary
Wisconsin Department of Agriculture,
Trade and Consumer Protection

Wisconsin Agriculture and Economics

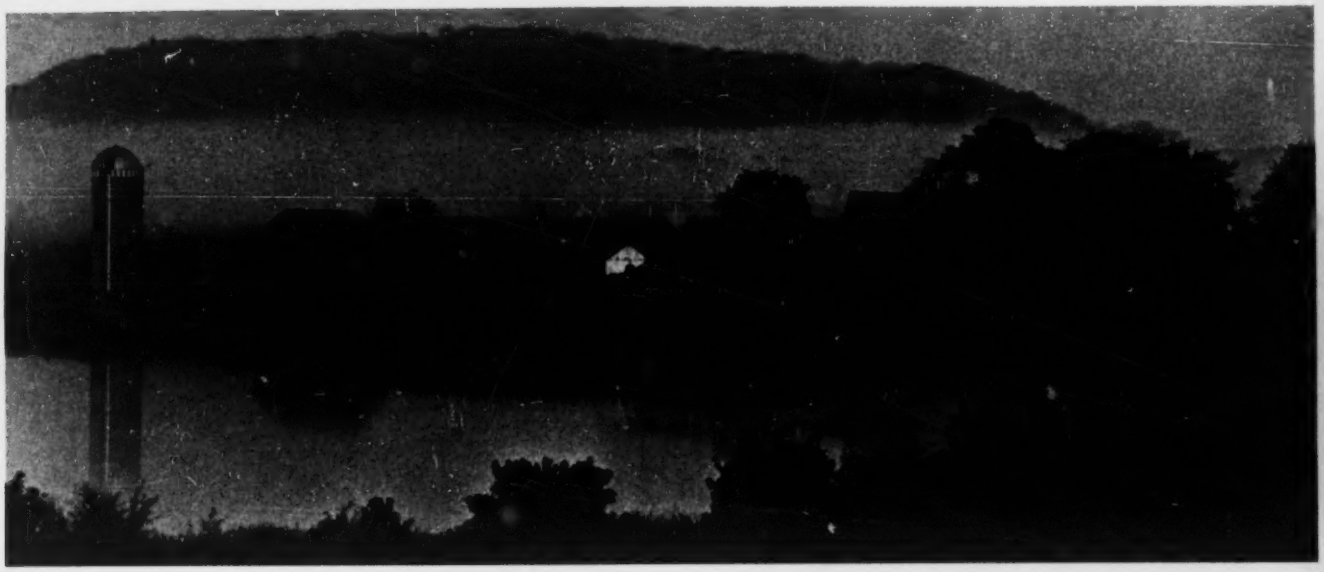


Photo courtesy of David Sandell, The Capital Times

The value of Wisconsin's cash receipts from all commodities in 1989 totaled $5.5 billion, up 9 percent from drought affected 1988. This ranked the State the eighth most productive in the nation. Livestock and dairy cash receipts amounted to $4.6 billion of which receipts from dairying accounted for $3.2 billion. Cash receipts from crops totaled $.9 billion.

The 1989 growing season got off to a slow start because of cool spring weather. Overall, temperatures were very close to normal but markedly cooler than in 1988. Precipitation was below average by about 4 inches. Frequent rains occurred when most needed, making 1989 a much better year for crops than the previous year. However, soil moisture was mostly short throughout the season as crops quickly used up available moisture.

Oats seeding began later than normal but progressed quickly in late April. The percent of oats acreage planted caught up to the 5-year average by mid-May when the majority of the crop was planted. Corn planting also had a slow onset because of cool soils. Not until May 21 did planting progress surpass the 5-year average. Soybean planting started late, but caught up to average by mid-May. Germination and early growth of field crops also lagged because of the dry, cool weather. Hayfields and winter wheat were slow growing for the same reason.

Rain in late May and early June brought relief to most crops and improved soil moisture conditions. However, below normal temperatures retarded crop development. Rains hurt the quality of first cutting alfalfa since much of the crop was rained on while drying in the field. Many farmers were busy cultivating weeds in June.

Dry weather in early July stressed crops, but rainfall in the last two weeks improved conditions. Warmer than average temperatures during July spurred crop growth. On the average, corn plants grew four feet in the month of July. Rain prior to and at the time of silking insured good yields.

Soybeans and corn continued to mature until frost halted development on September 24. Dry, sunny weather from late September through mid-October provided excellent harvesting weather. Both the corn and soybean harvest progressed swiftly and were nearing completion by November 12. Yields were good and most farmers were thankful for a much better year than 1988.

Soil moisture was mostly short from mid-April through the end of May, in mid-July and during the month of October. The only times when more than 10 percent of the reporters rated soil moisture as surplus were for the weeks ending on June 4 and 18. Many reporters noted that subsoil moisture was extremely short and precipitation in 1989 was not enough to replenish reserves.

Production of all crops showed substantial improvement from the drought stricken 1988 season. Wisconsin's 1989 grain corn production totaled nearly 311 million bushels, more than double the previous year. Soybeans, at 15.2 million bushels, was up 69 percent, while oats production more than doubled. Dry hay

production, at 8.1 million tons, increased 63 percent. Yields of alfalfa hay, which accounted for 88 percent of the total, averaged 2.3 tons per acre compared with 1.4 tons in 1988. Processing vegetables including sweet corn, peas and snap beans showed substantial increases in yield and production compared to the 1988 season. Production of potatoes increased 17 percent from the previous year.

Milk production during 1989 totaled 24.0 billion pounds, a decrease of 4 percent from 1988. While production was below the previous year for each month, the greatest decrease occurred from June through September. Milk cow numbers continued to decline during the first quarter of the year but began to increase in April and totaled 1,759,000 by year's end. Average production per cow declined 404 pounds during 1989 while dairy farms totaled 34,000, a decrease of 2,000 farms.

The total value of farm assets for the farm sector in 1988 totaled $19.3 billion, an increase of nearly 5 percent from 1987. The farm sector balance sheet includes both the landlords' and farm operators' farm business assets and debt. The average value of assets per farm was $234,760, 3 percent above the previous year. Total farm debt, at $4.9 billion, decreased 4 percent in 1988 with an average of $59,967 per farm. At the end of 1988, the average debt/assets ratio per farm operation was 25.5, down from the 27.9 a year earlier.

The total 1988 net farm income after inventory adjustments, a measure of the net value of production, decreased to $1.34 billion, down 21 percent from 1987, or an average of $16,382 per farm. This compares with an average of $21,494 the previous year. Net cash income, indicating the short-term financial status of farmers, remained virtually the same in 1988, totaling nearly $2.2 billion. Net cash income per farm was $27,029, compared with $27,314 the previous year. Production expenses totaled $4.15 billion, up slightly from 1987.

Net business income, a measure of earnings that best corresponds to taxable income for most farmers, decreased from $20,591 per farm in 1987 to $20,507 per farm in 1988. Returns to operators averaged $15,140 per farm in 1988 compared to $19,823 a year earlier.

The ratio of returns to operators/total debt fell from 30.0 in 1987 to 24.7 in 1988. The 1988 drought attributed to some of the decline in returns due to lower production.

FARM BALANCE SHEET (Excluding Farm Households): Wisconsin, December 31, 1984-88 1/

Item	1988	1987	1986	1985	1984
			Million dollars		
ASSETS					
Total farm assets	19,250.3	18,400.7	18,584.9	20,582.5	23,589.6
Real estate 2/	10,358.5	9,850.6	9,831.5	11,218.2	13,409.6
Livestock & poultry 3/	3,013.9	2,884.3	2,707.4	2,536.0	2,777.8
Machinery & motor vehicles 4/	3,609.6	3,503.7	3,796.2	4,115.7	4,627.8
Crops 5/	996.8	897.6	988.3	1,519.4	1,552.7
Financial assets	1,271.5	1,264.5	1,261.6	1,193.2	1,221.7
CLAIMS					
Total farm debt	4,917.3	5,137.8	5,567.2	6,272.1	6,698.5
Real estate debt 6/	2,577.8	2,733.9	2,956.6	3,345.5	3,512.2
Nonreal estate debt 7/	2,339.5	2,403.9	2,610.6	2,926.6	3,186.3
Equity	14,332.9	13,262.9	13,017.7	14,310.4	16,891.1
			Ratios		
Equity/assets	74.5	72.1	70.0	69.5	71.6
Debt/equity	34.3	38.7	42.8	43.8	39.7
Debt/assets, total	25.5	27.9	30.0	30.5	28.4
Debt/assets, real estate	24.9	27.8	30.1	29.8	26.2
Debt/assets, nonreal estate and CCC	26.3	28.1	29.8	31.3	31.3
Returns to operator/total debt 8/	24.7	30.0	22.5	14.4	13.6

Source: Economic Indicators of the Farm Sector, October 1989, ERS, USDA. 1/Data are for farms with sales of $1,000 or more annually. 2/Excludes value of operator dwellings. 3/Excludes horses, mules, and broilers. 4/Includes only farm share value for trucks and autos. 5/All non-CCC crops held on farms plus the value above loan rate for crops held under CCC. 6/Excludes debt on operator dwellings, but includes CCC storage and drying facility loans. 7/Excludes debt for nonfarm purposes. 8/Total debt in this ratio is an average for the year.

FARM INCOME INDICATIONS (Million Dollars): Wisconsin, 1984-88

Item	1988	1987	1986	1985	1984
Gross farm income 1/	5,492.1	5,836.3	5,667.4	5,674.8	6,157.4
Cash income 6/	5,645.6	5,615.9	5,320.8	5,419.4	5,345.2
Farm marketings	5,047.9	5,015.4	4,866.5	5,080.8	4,941.3
Crops	767.1	799.2	844.6	1,025.6	866.8
Livestock and products	4,280.8	4,216.2	4,022.0	4,055.2	4,074.5
Government payments	409.4	406.0	266.4	152.2	237.8
Other farm income	188.4	194.5	187.9	186.3	166.1
Machine hire/customwork	21.1	23.7	15.3	23.8	17.3
Other farm-related income 2/	167.3	170.8	172.6	162.6	148.8
Noncash income	316.3	312.9	354.1	422.0	518.2
Value of home consumption	41.7	42.4	48.1	55.5	63.6
Rental value of dwellings	274.6	270.4	306.0	366.4	454.6
Operator dwellings	270.4	266.0	301.6	361.5	449.1
Hired laborer dwellings	4.2	4.4	4.4	4.9	5.5
Value of inventory adjustments	-469.8	-92.4	-7.5	-166.5	294.0
Total production expenses 1/	4,148.9	4,130.8	4,201.7	4,584.1	5,031.7
Intermediate product expenses	2,366.7	2,268.1	2,241.0	2,473.9	2,674.4
Farm origin	861.1	742.1	728.9	843.9	923.7
Feed purchased	704.1	587.7	583.4	660.7	730.5
Livestock and poultry purchased	40.7	42.9	34.9	59.1	65.4
Seed purchased	116.3	111.5	110.6	124.1	127.8
Manufactured inputs	622.0	593.3	570.2	715.1	706.6
Fertilizer and lime	225.0	212.6	205.5	267.7	244.5
Pesticides	99.2	96.5	94.3	105.0	100.2
Fuel and oil	152.3	148.9	160.5	220.6	239.3
Electricity	145.6	135.5	109.9	121.7	122.6
Other	883.6	932.6	941.9	914.9	1,044.0
Repair and maintenance	303.4	290.3	284.9	277.5	292.7
Other miscellaneous 3/	580.1	642.4	657.0	637.4	751.3
Interest	547.7	569.7	617.0	680.0	728.7
Real estate	275.9	281.0	321.7	348.0	377.8
Nonreal estate	271.8	288.8	295.3	332.0	350.9
Contract and hired labor expenses	336.6	325.2	298.0	296.2	292.9
Cash labor expenses 4/	320.4	308.5	284.2	280.0	274.9
Perquisites	16.2	16.7	13.8	16.2	18.0
Net rent to nonoperator landlords 5/	16.6	76.5	72.1	71.7	115.9
Capital consumption	619.8	629.2	717.8	797.1	975.0
Property taxes	261.5	262.1	256.0	265.3	244.9
NET FARM INCOME	1,343.3	1,705.5	1,465.7	1,090.7	1,125.7
Cash expenses 6/	3,429.3	3,403.5	3,395.8	3,677.0	3,950.5
Intermediate product expenses	2,323.9	2,228.2	2,200.3	2,430.4	2,625.5
Interest	515.7	537.1	591.9	638.8	699.8
Cash labor expenses 4/	320.4	308.5	284.2	280.0	274.9
Net rent to nonoperator landlords 5/	16.6	76.5	72.1	71.7	115.9
Property taxes	252.6	253.3	247.4	256.1	234.4
NET CASH INCOME	2,216.4	2,212.4	1,925.0	1,742.4	1,394.7
NET BUSINESS INCOME 7/	1,681.6	1,667.9	1,229.1	1,053.1	563.7
Gross receipts of farms 8/	5,221.7	5,570.3	5,365.8	5,313.3	5,708.3
Nonfactor payments 6/	3,111.3	3,025.9	3,073.6	3,375.7	3,690.9
Intermediate product expenses	2,323.9	2,228.2	2,200.3	2,430.4	2,625.5
Capital consumption	534.8	544.4	625.9	689.2	831.0
Property taxes	252.6	253.3	247.4	256.1	234.4
Factor payments 6/	2,110.4	2,544.5	2,292.2	1,937.6	2,017.4
Interest	515.7	537.1	591.9	638.8	699.8
Contract and hired labor expenses	336.6	325.2	298.0	296.2	292.9
Net rent to nonoperator landlords 5/	16.6	76.5	72.1	71.7	115.9
RETURNS TO OPERATORS 9/	1,241.5	1,605.7	1,330.3	930.9	908.9
Off-farm income 10/	1,357.5	1,228.3	1,172.4	1,118.9	1,022.4
Number of farms	82,000	81,000	82,000	83,000	86,000

Source: Economic Indicators of the Farm Sector, October 1989, ERS, USDA. 1/Includes operator dwellings. 2/Includes forest product sales, recreational income, and other farm business-related income. 3/Includes machine hire and customwork expenses; marketing, storage, and transportation expenses; and miscellaneous expenses. 4/Includes contract labor expenses, hired labor wages, and Social Security payments. 5/ Uses different data sources for periods before 1979, 1979-83, and 1984 and later. Estimates are not directly compatible among periods. 6/Excludes operator dwellings. 7/Cash income less cash expenses and capital consumption. 8/Gross farm income less rental value of operator dwellings. 9/Gross receipts of farms less nonfactor payments, interest, contract and hired labor expenses, and net rent to nonoperator landlords. 10/Includes off-farm income for members of farm operator dwellings only.

WISCONSIN'S RANK IN THE NATION'S AGRICULTURE, 1989

Commodity	Rank among States	Unit	Production			
			Wisconsin (000)	% of U.S.	United States (000)	Leading State
CASH RECEIPTS 1/						
All commodities	8	Dols.	5,481,460	3.5	157,928,058	California
Livestock and livestock products	6	Dols.	4,572,530	5.5	83,786,092	Texas
Crops	27	Dols.	908,930	1.2	74,141,966	California
DAIRY						
Milk production	1	Lbs.	24,000,000	16.6	144,252,000	Wisconsin
Butter	1	Lbs.	318,717	25.0	1,273,544	Wisconsin
Cheese, total (excluding cottage cheese)	1	Lbs.	1,847,455	32.9	5,613,872	Wisconsin
American	1	Lbs.	924,206	34.6	2,672,575	Wisconsin
Swiss	2	Lbs.	43,982	19.0	231,238	Ohio
Muenster	1	Lbs.	74,933	82.2	91,121	Wisconsin
Brick	1	Lbs.	7,627	43.6	17,490	Wisconsin
Italian	1	Lbs.	677,957	33.2	2,042,894	Wisconsin
Blue	1	Lbs.	21,794	63.1	34,561	Wisconsin
Cottage cheese						
Cottage cheese curd	4	Lbs.	29,058	5.5	525,501	New York
Cottage cheese creamed	5	Lbs.	43,183	5.0	870,601	New York
Under 4%	4	Lbs.	12,429	4.1	300,266	New York
Over 4%	5	Lbs.	30,754	5.4	570,335	New York
Condensed milk, bulk						
Sweetened, whole	1	Lbs.	86,162	92.2	93,480	Wisconsin
Sweetened, skim	1	Lbs.	64,480	97.3	66,263	Wisconsin
Unsweetened, whole	2	Lbs.	16,402	9.2	177,466	New York
Unsweetened, skim	2	Lbs.	91,281	8.5	1,079,799	California
Dry products						
Nonfat dry milk for human use	4	Lbs.	51,291	5.9	874,667	California
Nonfat dry milk for animal feed	2	Lbs.	684	3.7	18,705	California
Buttermilk	3	Lbs.	5,002	8.3	60,517	California
Whey products						
Dry whey 2/	1	Lbs.	466,933	40.7	1,146,252	Wisconsin
Lactose	1	Lbs.	63,411	37.1	170,903	Wisconsin
Whey protein concentrate, human use	1	Lbs.	31,553	26.9	117,202	Wisconsin
LIVESTOCK AND POULTRY						
All cattle and calves 3/	8	Head	4,170	4.2	99,337	Texas
Milk cows 3/	1	Head	1,760	17.3	10,149	Wisconsin
All hogs and pigs 4/	12	Head	1,250	2.3	53,852	Iowa
Sheep 3/	24	Head	105	0.9	11,368	Texas
Chickens 4/	25	Head	4,200	1.2	355,790	California
Mink pelts 5/	1	Pelts	1,121.5	25.2	4,453.1	Wisconsin
Wool	25	Lbs.	687	0.8	89,157	Texas
Honey	7	Lbs.	7,474	4.4	169,274	California
Eggs	25	Eggs	852,000	1.3	67,100,000	California
CROPS						
Corn for grain	7	Bu.	310,800	4.1	7,527,152	Iowa
Corn for silage	1	Tons	9,932	11.5	86,243	Wisconsin
Oats	2	Bu.	46,860	12.5	373,778	Iowa
Soybeans	21	Bu.	15,170	0.8	1,926,806	Illinois
All hay (dry only)	3	Tons	8,080	5.6	145,445	Texas
All potatoes	3	Cwt.	23,460	6.3	370,344	Idaho
Tobacco	11	Lbs.	11,391	0.8	1,369,853	North Carolina
Cherries, tart	5	Lbs.	8,200	3.0	274,700	Michigan
Cranberries	2	Bbl.	1,380	36.0	3,836	Massachusetts
Mint for oil	5	Lbs.	647	7.6	8,498	Oregon
Carrots 6/	5	Cwt.	1,568	5.3	29,680	California
Sweet corn for processing	1	Tons	810.2	27.5	2,949.3	Wisconsin
Green peas for processing	1	Tons	130.1	25.8	504.7	Wisconsin
Snap beans for processing	1	Tons	281.3	32.8	587.1	Wisconsin
Cucumbers for pickles	5	Tons	50.9	7.9	642.7	Michigan

1/Source: ERS, USDA, April 1990 Monthly Cash Receipts. 2/Includes reduced lactose and reduced minerals whey. 3/January 1, 1990 inventory. 4/December 1, 1989 inventory. 5/1988 production. 6/Includes portion processed.

PRICES RECEIVED BY FARMERS FOR LIVESTOCK AND POULTRY: By Months, Wisconsin, 1984-89

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Dollars per head						
						MILK COWS						
1989	**945**	-	-	**1,000**	-	-	**990**	-	-	**1,020**	-	-
1988	910	-	-	1,000	-	-	915	-	-	910	-	-
1987	820	-	-	890	-	-	910	-	-	900	-	-
1986	730	-	-	770	-	-	790	-	-	810	-	-
1985	850	-	-	870	-	-	830	-	-	770	-	-
1984	800	-	-	890	-	-	930	-	-	880	-	-
						Dollars per 100 pounds						
						BEEF CATTLE 1/						
1989	**52.20**	**54.80**	**54.30**	**56.00**	**56.30**	**55.90**	**56.00**	**55.80**	**56.10**	**55.40**	**54.00**	**57.60**
1988	52.60	53.80	55.00	57.00	58.50	52.00	51.10	52.40	54.60	53.80	51.30	53.60
1987	46.10	47.60	49.30	51.00	52.20	53.20	52.50	51.40	52.60	51.40	50.10	51.00
1986	42.10	42.30	42.60	40.50	43.60	42.20	41.90	44.20	44.30	44.10	44.60	42.00
1985	46.70	47.80	46.40	45.20	44.80	43.20	40.60	39.90	39.40	42.00	43.10	41.50
1984	42.80	48.50	50.60	50.30	49.60	51.00	48.20	47.90	46.90	44.30	43.20	45.70
						SLAUGHTER COWS						
1989	**45.60**	**48.40**	**46.60**	**46.50**	**46.90**	**48.30**	**48.10**	**49.10**	**49.80**	**48.70**	**47.20**	**50.00**
1988	45.90	47.40	47.50	47.80	47.80	42.80	43.80	45.00	45.80	45.10	43.30	44.80
1987	39.20	40.60	43.50	43.00	43.10	43.30	43.20	43.60	44.50	43.60	42.90	44.60
1986	34.40	36.00	35.70	34.10	36.50	37.20	35.80	35.70	36.30	36.30	34.70	34.40
1985	38.20	40.50	39.80	39.30	39.10	37.30	35.40	35.20	34.40	33.60	32.60	32.20
1984	35.30	40.60	42.90	42.80	41.70	42.10	39.70	38.90	36.80	36.50	34.40	34.30
						CALVES						
1989	**125.00**	**127.00**	**128.00**	**130.00**	**135.00**	**135.00**	**121.00**	**125.00**	**136.00**	**129.00**	**130.00**	**132.00**
1988	117.00	124.00	126.00	128.00	137.00	126.00	116.00	119.00	126.00	124.00	120.00	120.00
1987	91.40	90.00	88.80	97.30	113.00	110.00	107.00	117.00	119.00	119.00	118.00	114.00
1986	84.90	89.00	84.70	87.00	89.20	91.20	79.00	81.80	89.90	86.00	80.50	82.80
1985	87.60	84.40	81.60	78.50	89.40	94.50	88.00	90.60	84.70	80.80	88.90	81.40
1984	91.50	96.30	96.30	95.30	101.00	102.00	88.90	86.10	91.30	87.80	67.20	77.90
						HOGS						
1989	**39.60**	**38.80**	**37.80**	**35.60**	**40.60**	**43.90**	**44.60**	**44.30**	**41.80**	**44.80**	**43.90**	**46.90**
1988	38.40	41.80	44.40	40.60	40.40	45.10	45.50	42.20	43.50	38.80	37.30	39.00
1987	46.20	47.10	46.50	49.80	53.50	58.10	58.60	57.40	52.60	47.20	39.10	38.40
1986	43.70	42.00	40.00	39.40	46.60	52.30	58.70	61.50	58.30	52.20	52.50	49.20
1985	46.70	47.20	47.30	42.40	41.90	40.40	43.50	44.40	41.30	38.90	42.70	44.40
1984	47.60	44.40	45.00	46.60	46.60	48.40	51.20	50.00	45.00	42.90	46.60	46.20
						LAMBS						
1989	**66.20**	**68.50**	**71.40**	**76.60**	**75.30**	**71.40**	**65.50**	**64.40**	**60.80**	**59.90**	**56.90**	**61.10**
1988	83.30	80.00	80.00	72.20	73.50	61.30	59.10	59.30	61.20	62.80	67.10	69.20
1987	79.90	77.40	81.30	86.40	89.00	79.00	73.30	70.90	69.70	67.50	66.80	76.20
1986	67.00	69.00	68.50	73.10	82.00	73.00	70.50	67.70	61.50	58.80	68.00	74.60
1985	66.60	70.40	71.50	72.40	75.40	71.70	72.20	70.50	68.40	66.00	66.00	64.00
1984	61.00	62.60	62.60	63.80	65.30	61.70	62.00	64.10	63.30	64.10	65.10	64.20
						Cents per dozen						
						EGGS 2/						
1989	**45**	**42**	**66**	**49**	**47**	**48**	**49**	**54**	**54**	**54**	**65**	**68**
1988	31	29	33	29	26	30	43	42	49	43	41	40
1987	47	44	42	45	41	35	34	33	40	32	41	29
1986	51	45	61	40	44	34	46	50	50	49	50	51
1985	38	34	42	36	34	43	38	46	50	50	56	54
1984	91	79	68	84	53	46	47	46	44	38	51	51

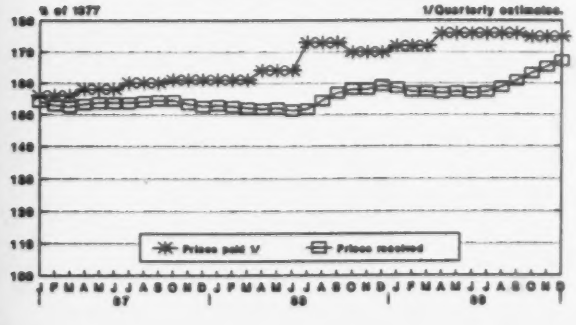
1/Slaughter cows and steers and heifers combined. 2/Market eggs only.

PRICES RECEIVED BY FARMERS FOR CROPS: By Months, Wisconsin, 1985-89

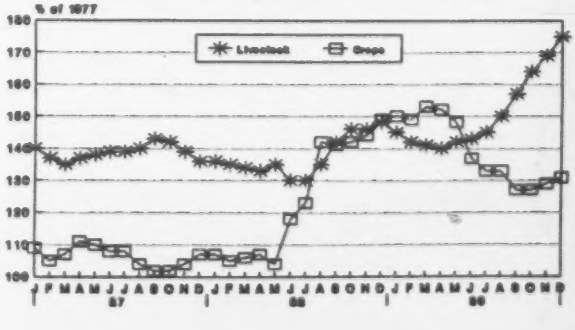
Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Dollars per bushel						
						CORN						
1989	**2.58**	**2.62**	**2.63**	**2.71**	**2.64**	**2.60**	**2.43**	**2.36**	**2.25**	**2.20**	**2.18**	**2.19**
1988	1.68	1.70	1.78	1.81	1.95	2.64	2.67	2.65	2.69	2.69	2.60	2.55
1987	1.38	1.31	1.37	1.48	1.63	1.61	1.52	1.41	1.43	1.51	1.60	1.65
1986	2.30	2.31	2.26	2.22	2.30	2.23	1.99	1.81	1.49	1.42	1.45	1.49
1985	2.52	2.54	2.65	2.66	2.65	2.62	2.55	2.47	2.53	2.22	2.23	2.45
						OATS						
1989	**2.45**	**2.38**	**2.45**	**2.12**	**2.38**	**1.97**	**1.46**	**1.35**	**1.32**	**1.29**	**1.37**	**1.37**
1988	1.75	1.76	1.64	1.64	1.79	2.28	2.59	2.46	2.52	2.48	2.38	2.46
1987	1.32	1.29	1.33	1.31	1.35	1.32	1.20	1.18	1.29	1.40	1.51	1.54
1986	1.26	1.28	1.24	1.21	1.19	1.10	0.93	0.83	0.77	1.00	1.09	1.23
1985	1.75	1.69	1.67	1.68	1.60	1.59	1.50	1.25	1.18	1.16	1.15	1.21
						WHEAT						
1989	**1/**	**3.76**	**1/**	**1/**	**3.63**	**3.52**	**3.54**	**3.51**	**3.48**	**3.60**	**3.57**	**3.66**
1988	2.76	2.86	2.70	2.75	2.83	2.99	3.22	3.16	3.55	3.56	3.57	1/
1987	2.31	2.46	2.61	2.43	2.81	2.39	2.26	2.25	2.32	2.61	2.46	2.63
1986	3.06	2.74	3.17	3.10	3.09	2.76	2.50	2.28	2.20	2.21	2.26	2.27
1985	3.27	3.31	3.24	3.36	3.26	3.13	2.91	2.74	2.61	2.71	3.08	3.08
						SOYBEANS						
1989	**7.61**	**6.99**	**7.26**	**6.97**	**6.98**	**6.91**	**6.56**	**5.80**	**5.65**	**5.09**	**5.39**	**5.38**
1988	5.68	5.78	5.74	6.19	6.80	8.34	8.82	8.21	8.14	7.48	7.21	7.22
1987	4.52	4.47	4.54	4.65	5.22	5.32	5.01	4.77	4.84	4.83	5.13	5.34
1986	4.95	5.05	5.11	5.08	5.06	4.98	4.83	4.71	4.60	4.28	4.56	4.42
1985	5.62	5.58	5.62	5.72	5.57	5.56	5.41	5.02	4.82	4.74	4.80	4.87
						Dollars per ton						
						ALL HAY BALED						
1989	**126.00**	**121.00**	**127.00**	**133.00**	**136. 00**	**82.00**	**1/**	**70.00**	**67.00**	**61.00**	**70.00**	**71.00**
1988	55.00	55.00	55.00	54.00	53.00	79.00	106.00	105.00	103.00	105.00	104.00	126.00
1987	53.00	54.00	54.00	54.00	55.00	46.00	55.00	57.00	56.00	49.00	49.00	61.00
1986	83.00	85.00	91.00	78.00	59.00	50.00	45.00	48.00	48.00	52.00	54.00	57.00
1985	63.00	70.00	66.00	66.00	49.00	77.00	63.00	60.00	60.00	75.00	70.00	84.00
						Dollars per cwt.						
						POTATOES						
1989	**6.95**	**7.20**	**8.00**	**7.60**	**6.15**	**6.00**	**8.25**	**6.90**	**6.25**	**6.55**	**7.50**	**7.30**
1988	3.80	3.55	3.60	3.65	2.20	2.00	5.90	5.70	5.25	5.90	6.85	7.20
1987	5.95	5.30	5.35	6.40	5.05	1/	5.00	4.55	3.95	3.75	3.85	3.80
1986	3.00	2.70	3.30	3.15	3.20	3.20	4.00	4.60	4.00	4.15	4.15	4.10
1985	5.05	5.30	5.70	6.10	6.20	6.00	2.80	2.30	3.50	3.00	3.45	3.20

1/Insufficient sales to establish price.

WISCONSIN PRICES PAID & RECEIVED INDEXES



WISCONSIN PRICES RECEIVED INDEXES



PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION
United States, 1986-89

Commodity and unit 1/	Annual average price			
	1989	1988	1987	1986
	Dollars			
FARM MACHINERY				
Combine, self-propelled with grain head, medium capacity	78,500	72,000	65,300	62,900
Corn head, for combine, 4-row	12,300	11,800	11,100	11,100
Corn picker-husker, drawn or mounted, 2-row	13,000	13,500	12,700	13,600
Corn planter, with fertilizer attachment, 4-row	10,100	9,800	7,500	8,620
Cultivator, row crop, tractor attached, 4-row	3,010	2,830	2,510	2,520
Disk harrow, tandem, drawn, 15-17 ft.	8,825	8,195	7,575	7,755
Feed grinder-mixer, trailer-mounted, p.t.o.	9,350	9,225	8,485	7,920
Forage harvester, p.t.o. shear bar, pick-up-attachment	16,400	15,500	14,800	14,400
Grain drill, plain, 15-17 tubes	6,345	6,050	5,770	5,700
Hayrake, side-delivery, traction-drive	3,160	3,000	2,780	2,780
Manure loader, tractor hydraulic, exclude skid or self propelled	4,030	3,850	3,820	3,760
Manure spreader, conveyer type, p.t.o. 141-190-bu. cap.	5,300	3,790	5,090	5,310
Mower-conditioner, p.t.o., pull type, 8-10 ft., cutter bar	9,390	9,140	8,570	8,630
Mower, drawn or mounted, 7 ft.	3,060	2,850	2,670	2,540
Pick-up baler, automatic tie, p.t.o., conventional size bales	10,800	10,400	9,960	9,490
Plow, moldboard, 5 bottoms, drawn or mounted, 1 way	7,830	7,365	6,610	7,060
Tractor, wheel, 110-129 p.t.o. or belt hp	43,900	40,800	38,950	38,600
Wagon, farm, gravity unload, running gear and box, less tires	2,590	2,420	2,330	1,050
Windrower, self-propelled, 12-16 ft.	34,650	32,150	29,600	28,200
MOTOR SUPPLIES				
Diesel fuel, per gallon	0.76	0.73	0.71	1.15
Grease, per 35-pound pail	32.40	31.55	31.60	31.85
Moter oil, heavy duty (detergent), per gallon	4.73	4.70	4.58	4.68
Storage batteries, cpr 220-310 amps	48.50	49.10	48.20	48.03
Tires, tractor, rear, 18.4-34, 6-ply	432.50	411.50	395.00	405.50
Tires, truck, 7.50-16, Load Range D	78.35	74.30	73.15	71.05
FARM SUPPLIES				
Chain saw, gasoline, 20-inch	367.50	363.00	366.00	372.75
Fence charger, battery, solid state electronic	67.70	64.00	63.50	62.20
Fence, field and stock, 6" stay wire sp., 32" high, per 20-rod roll	73.70	71.60	71.75	75.15
Pipe, iron, galvanized, 1 1/4-inch, i.d., per foot	2.09	2.04	2.01	1.96
Pitchfork, 4-tine	22.10	21.00	20.50	21.05
Post, line fence, steel	2.61	2.48	2.48	2.73
Sprayer, hand, pressure, 3-4 gallon capacity	31.10	30.40	31.00	32.75
Twine, baler, per 40-pound bale	21.95	20.75	18.30	18.78
Tubing, plastic, 1-inch, i.d., per foot	0.30	0.32	0.25	0.25
Welder outfit, acetylene, complete	231.00	233.00	239.00	252.00
Wire, barbed, galvanized, 12 1/2 gauge, 4-point, per 80-rod spool	37.60	37.15	36.20	38.03
BUILDING MATERIALS				
Blocks, concrete, 8" X 8" X 16", per 100	99.80	99.00	96.70	92.68
Boards, rough, for farm fences and construction, per 1,000 bd. ft.	522.33	515.00	501.00	491.67
Cement, portland, 94 lb. net	6.45	6.37	6.30	6.20
Lumber, framing, 2" X 4" fir, standard and better, per 1,000 bd. ft.	404.33	392.33	391.00	375.33
Roofing, galvanized steel, 28-29 gauge, per 100 sq. ft.	44.03	42.97	41.40	41.42
Shingles, fiberglass, mineral surface, approx. 220 lb. per sq.	23.63	23.40	23.60	26.57
FERTILIZER AND LIMING MATERIALS				
Anhydrous ammonia, per ton	202.00	199.50	183.50	244.25
Limestone, ground, per ton	15.85	16.05	16.70	15.98
Mixed fertilizer, 6-24-24, per ton	206.50	208.00	179.50	186.75
Muriate of potash, 60%, K_2O per ton	158.00	157.00	125.00	119.50
Nitrogen solutions, 28% N, per ton	132.00	126.00	111.50	132.75
Superphosphate, 44-46% P_2O_5 per ton	216.50	221.50	200.00	199.00
Urea, 45-46% N, per ton	192.00	185.50	160.00	209.25

1/Units are each, unless otherwise specified.

CASH RECEIPTS FROM FARM MARKETINGS: By Commodities, Wisconsin, 1984-88 1/

Commodity	1988	1987	1986	1985	1984
			1,000 dollars		
Cash receipts-farm marketings	5,047,875	5,015,405	4,866,514	5,080,801	4,941,282
All livestock, dairy, and poultry	4,280,816	4,216,182	4,021,962	4,055,188	4,074,506
Meat animals	1,081,800	1,059,218	889,368	886,125	863,124
Cattle and calves	850,632	770,046	635,699	639,215	611,528
Hogs and pigs	226,892	284,202	249,898	242,527	248,503
Sheep and lambs	4,276	4,970	3,771	4,383	3,093
Dairy products	2,998,249	2,968,593	2,926,196	2,973,747	3,007,555
Poultry and eggs	133,894	126,515	146,747	147,[illegible]	151,925
Eggs	27,936	31,426	34,583	31,[illegible]50	45,312
Turkeys	58,613	50,402	67,586	76,[illegible]62	66,977
Broilers	18,026	16,909	16,565	13,171	14,973
Farm chickens	1,009	718	1,003	939	1,563
Miscellaneous poultry	28,310	27,060	27,010	25,860	23,100
All other livestock	66,873	61,856	59,651	47,834	51,902
Mink	50,783	47,076	46,785	33,020	36,615
Wool	543	396	296	294	387
Honey and beeswax	3,897	3,864	2,210	2/	2/
Miscellaneous livestock	11,650	10,520	10,360	14,520	14,900
All crops	767,059	799,223	844,552	1,025,613	866,776
Field crops	361,058	377,752	482,496	623,227	469,024
Corn	191,553	217,346	324,939	418,093	255,043
Oats	16,254	17,542	9,977	14,564	15,990
Hay	53,250	61,732	63,269	77,777	51,710
Tobacco	8,370	10,302	18,086	17,398	17,615
Soybeans	72,815	57,108	45,029	66,474	95,853
Wheat	16,303	11,032	18,258	25,527	28,619
Barley	1,450	1,624	1,745	2,121	2,721
Rye	149	152	279	359	343
Miscellaneous field crops	914	914	914	914	1,130
All vegetables	252,384	275,592	225,166	262,808	266,272
Potatoes	103,125	82,751	64,845	89,065	94,234
Sweet corn	34,772	44,275	37,863	40,330	36,589
Green peas	13,637	24,886	23,743	36,359	28,323
Snap beans	31,631	39,956	35,378	37,821	35,740
Cucumbers	8,774	7,461	8,640	7,748	6,446
Carrots	7,657	10,504	9,891	7,287	9,171
Onions	4,006	3,037	3,712	1,502	6,380
Miscellaneous vegetables	48,782	62,722	41,094	42,696	49,389
Specialty crops	153,617	145,879	136,890	139,578	131,480
Apples	10,186	12,890	9,799	8,553	10,626
Cherries	1,678	295	788	1,549	2,922
Cranberries	64,380	58,608	56,832	66,051	64,960
Strawberries	2,624	2,508	3,648	2,970	3,129
Greenhouse and nursey	65,606	62,640	58,172	52,041	39,872
Mint	3,506	4,669	5,052	4,505	6,384
Miscellaneous specialty	5,637	4,269	2,599	3,909	3,587
Govenment payments	409,371	405,969	266,424	152,222	237,814
Total	5,457,246	5,421,374	5,132,938	5,233,023	5,179,096

Source: Economics, ERS, USDA, October 1989. 1/Values for 1984-88 are preliminary and subject to revision. Revised numbers will be published in the October issue of 1989 Cash Receipts. 2/Estimates discontinued; included in Miscellaneous Livestock.

CASH RECEIPTS FROM FARM MARKETINGS: By Counties, Wisconsin, 1988

County	All Commodities	All livestock				All crops		
		Dairy products	Meat animals	Poultry and eggs	Misc. livestock	Field crops	All vegetables	Other crops
	1,000 dollars							
Barron	144,524	77,475	20,685	33,617	240	6,947	5,081	479
Bayfield	11,988	8,515	2,247	102	45	526	2	551
Burnett	16,179	10,524	3,438	11	55	1,335	95	721
Chippewa	125,040	88,568	20,749	4,436	461	8,465	1,644	717
Douglas	6,700	2,638	2,337	406	667	217	4	431
Polk	81,502	56,517	13,968	2,275	751	6,531	899	561
Rusk	39,892	27,584	7,198	23	2,584	1,523	0	980
Sawyer	10,350	5,157	1,930	3	236	428	134	2,462
Washburn	17,960	11,183	3,727	543	124	841	20	1,522
N. W. Dist.	**454,135**	**288,161**	**76,279**	**41,416**	**5,163**	**26,813**	**7,879**	**8,424**
Ashland	7,899	6,086	1,396	12	44	317	0	44
Clark	148,836	112,764	29,473	1,107	1,074	3,273	476	669
Iron	2,207	570	667	2	557	47	356	
Lincoln	27,664	17,660	5,491	14	1,292	606	764	1,837
Marathon	204,706	133,424	36,258	1,398	3,029	4,244	25,034	1,319
Oneida	10,684	300	639	5	2,325	79	3,825	3,511
Price	20,156	11,783	3,478	160	2,109	429	61	2,136
Taylor	65,830	45,843	14,285	52	4,286	1,337	11	16
Vilas	4,840	0	196	3	73	19	5	4,544
N. C. Dist.	**492,822**	**328,430**	**91,883**	**2,753**	**14,789**	**10,351**	**30,532**	**14,084**
Florence	2,492	1,499	531	2	27	70	347	16
Forest	4,192	2,668	1,229	3	85	82	103	22
Langlade	43,689	19,159	5,641	53	1,052	797	16,495	492
Marinette	35,985	24,526	7,904	28	643	1,242	1,124	518
Oconto	66,810	47,552	13,123	72	131	2,426	2,568	938
Shawano	114,954	84,041	24,372	95	946	3,163	1,700	637
N. E. Dist.	**268,122**	**179,445**	**52,800**	**253**	**2,884**	**7,780**	**22,337**	**2,623**
Buffalo	75,935	50,790	16,087	4,336	92	4,386	14	230
Dunn	111,470	70,849	20,403	7,276	761	7,757	4,160	264
Eau Claire	51,439	31,452	9,534	3,044	541	3,400	2,589	879
Jackson	54,610	27,794	8,790	3,365	663	3,260	67	10,671
La Crosse	48,108	30,042	12,104	32	153	3,645	262	1,870
Monroe	97,341	60,715	15,836	2,573	395	4,273	131	13,418
Pepin	25,738	17,360	5,516	13	44	2,546	248	11
Pierce	70,724	44,614	18,617	42	337	6,423	96	595
St Croix	94,538	62,573	19,691	2,587	391	7,207	1,211	878
Trempealeau	110,002	63,533	22,989	13,970	1,071	7,303	174	962
W. C. Dist.	**739,905**	**459,722**	**149,567**	**37,238**	**4,448**	**50,200**	**8,952**	**29,778**
Adams	24,553	6,026	2,401	924	143	2,836	12,058	165
Green Lake	45,653	23,506	12,692	175	294	4,427	4,198	361
Juneau	45,209	23,176	8,214	397	111	4,053	5,645	3,613
Marquette	27,864	13,492	7,530	982	193	2,567	1,906	1,194
Portage	100,814	28,603	17,478	243	90	4,146	46,942	3,312
Waupaca	89,837	61,494	17,701	61	316	5,633	3,818	814
Waushara	54,382	15,681	7,595	78	583	4,204	25,087	1,154
Wood	82,356	43,625	12,065	67	715	2,922	3,351	19,611
C. Dist.	**470,668**	**215,603**	**85,676**	**2,927**	**2,445**	**30,788**	**103,005**	**30,224**
Brown	98,252	66,981	20,805	73	699	4,228	1,854	3,612
Calumet	77,291	56,637	11,929	595	2,833	4,051	1,091	155
Door	38,592	24,466	6,572	25	137	2,127	1,000	4,265
Fond Du Lac	142,851	91,297	27,188	422	3,144	9,723	9,888	1,189
Kewaunee	70,704	52,170	12,996	36	541	3,079	890	992
Manitowoc	117,503	81,402	22,563	398	3,457	5,479	3,675	529
Outagamie	128,751	82,392	29,621	598	434	6,988	4,722	3,996
Sheboygan	84,295	51,030	15,727	153	5,875	5,465	4,507	1,538
Winnebago	60,568	37,358	10,366	623	2,202	6,729	1,776	1,514
E. C. Dist.	**818,807**	**543,733**	**157,767**	**2,923**	**19,322**	**47,869**	**29,403**	**17,790**

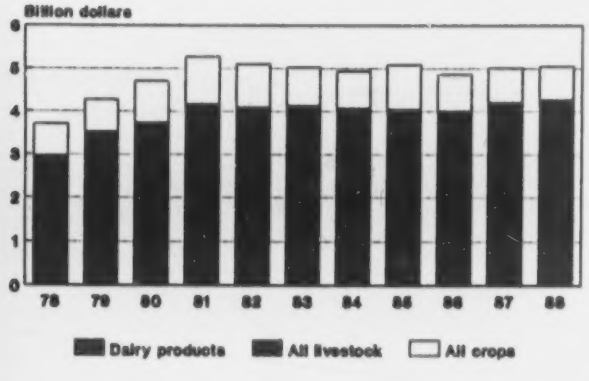
CASH RECEIPTS FROM FARM MARKETINGS: By Counties, Wisconsin, 1988, Continued

County	All Commodities	All livestock				All crops		
		Dairy products	Meat animals	Poultry and eggs	Misc. livestock	Field crops	All vegetables	Other crops
	1,000 dollars							
Crawford	46,319	29,203	12,263	38	159	2,907	18	1,731
Grant	179,937	104,069	66,343	464	278	7,629	294	860
Iowa	100,620	62,543	30,121	1,008	195	4,230	2,279	244
Lafayette	105,160	64,522	33,630	40	427	6,453	13	75
Richland	62,298	40,117	16,267	1,177	169	2,710	654	1,204
Sauk	99,585	63,623	26,266	2,314	359	5,080	1,151	792
Vernon	97,600	67,071	22,639	259	855	5,986	452	338
S. W. Dist.	**691,519**	**431,148**	**207,529**	**5,300**	**2,442**	**34,995**	**4,861**	**5,244**
Columbia	104,978	45,483	34,305	2,565	600	14,513	5,838	1,674
Dane	193,254	110,156	45,886	3,174	1,374	25,525	4,553	2,586
Dodge	170,944	97,143	44,012	1,412	1,663	16,563	6,756	3,395
Green	120,622	77,835	32,069	27	619	9,672	179	221
Jefferson	103,442	47,043	23,598	11,469	1,547	10,786	6,113	2,886
Rock	100,561	41,826	27,652	1,251	2,120	23,471	2,741	1,500
S. C. Dist	**793,801**	**419,486**	**207,522**	**19,898**	**7,923**	**100,530**	**26,180**	**12,262**
Kenosha	29,020	9,894	4,479	227	1,889	8,207	1,259	3,065
Milwaukee	13,238	630	216	11	50	1,146	686	10,499
Ozaukee	31,732	18,019	5,500	117	529	3,218	2,067	2,282
Racine	64,048	14,811	7,459	16,768	974	11,380	6,456	6,200
Walworth	78,208	30,192	19,856	3,497	947	15,979	5,310	2,427
Washington	60,922	40,836	9,161	378	415	5,079	1,499	3,554
Waukesha	40,928	18,139	6,106	188	2,653	6,723	1,958	5,161
S. E. Dist.	**318,096**	**132,521**	**52,777**	**21,186**	**7,457**	**51,732**	**19,235**	**33,188**
State	**5,047,875**	**2,998,249**	**1,081,800**	**133,894**	**66,873**	**361,058**	**252,384**	**153,617**

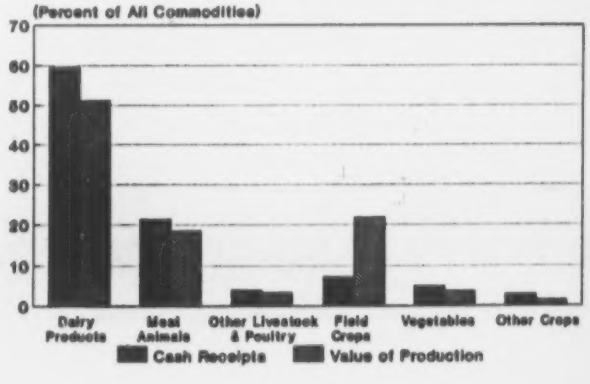
CASH RECEIPTS FROM FARM MARKETINGS
Top Ranking Counties, Wisconsin, 1988

Commodity	1	2	3
All commodities	Marathon	Dane	Grant
Dairy products	Marathon	Clark	Dane
Meat animals	Grant	Dane	Dodge
Poultry and eggs	Barron	Racine	Trempealeau
Field crops	Dane	Rock	Dodge
All vegetable	Portage	Waushara	Marathon
Other crops	Wood	Monroe	Jackson

WISCONSIN CASH RECEIPTS FROM FARM MARKETINGS



CASH RECEIPTS FROM MARKETINGS VS. VALUE OF PRODUCTION, WI 1988



NUMBER OF FARMS, AVERAGE SIZE, AND LAND IN FARMS: By Counties, Wisconsin, 1988-89

County	1989				1988 1/		
	Number of farms	Average size of farms	Land in farms	Rank	Number of farms	Average size of farms	Land in farms
	Number	Acres			Number	Acres	
Barron	1,820	219.8	400,000	11	1,830	218.6	400,000
Bayfield	430	260.5	112,000	58	430	262.8	113,000
Burnett	470	221.3	104,000	60	460	228.3	105,000
Chippewa	1,810	240.9	436,000	6	1,810	241.4	437,000
Douglas	340	244.1	83,000	63	340	247.1	84,000
Polk	1,630	212.3	346,000	22	1,640	213.4	350,000
Rusk	780	243.6	190,000	42	780	246.2	192,000
Sawyer	220	231.8	51,000	65	210	242.9	51,000
Washburn	400	270.0	108,000	59	400	270.0	108,000
N.W. District	**7,900**	**231.6**	**1,830,000**		**7,900**	**232.9**	**1,840,000**
Ashland	270	251.9	68,000	64	270	254.1	68,600
Clark	2,380	198.3	472,000	4	2,410	197.1	475,000
Iron	60	235.0	14,100	69	60	241.7	14,500
Lincoln	550	218.2	120,000	56 *	560	219.6	123,000
Marathon	3,290	187.8	618,000	2	3,330	185.9	619,000
Oneida	120	358.3	43,000	66	120	350.0	42,000
Price	530	249.1	132,000	54	540	250.0	135,000
Taylor	1,150	230.4	265,000	31	1,160	228.4	265,000
Vilas	50	158.0	7,900	71	50	158.0	7,900
N.C. District	**8,400**	**207.1**	**1,740,000**		**8,500**	**205.9**	**1,750,000**
Florence	90	255.6	23,000	68	90	261.1	23,500
Forest	150	200.0	30,000	67	150	203.3	30,500
Langlade	540	268.5	145,000	51	560	264.3	148,000
Marinette	780	234.6	183,000	45	800	232.5	186,000
Oconto	1,200	209.2	251,000	33	1,220	208.2	254,000
Shawano	1,740	200.0	348,000	20 *	1,780	195.5	348,000
N.E. District	**4,500**	**217.8**	**980,000**		**4,600**	**215.2**	**990,000**
Buffalo	1,120	337.5	378,000	15	1,130	337.2	381,000
Dunn	1,640	261.6	429,000	7	1,670	258.1	431,000
Eau Claire	1,080	206.5	223,000	37	1,110	200.9	223,000
Jackson	850	296.5	252,000	32	870	293.1	255,000
La Crosse	880	236.4	208,000	39	900	233.3	210,000
Monroe	1,780	213.5	380,000	14	1,790	214.0	383,000
Pepin	470	255.3	120,000	56 *	480	252.1	121,000
Pierce	1,360	219.1	298,000	24	1,380	219.6	303,000
St. Croix	1,700	209.4	356,000	19	1,730	206.9	358,000
Trempealeau	1,620	244.4	396,000	13	1,640	243.9	400,000
W.C. District	**12,500**	**243.2**	**3,040,000**		**12,700**	**241.3**	**3,065,000**
Adams	420	288.1	121,000	55	430	281.4	121,000
Green Lake	750	222.7	167,000	47	750	224.0	168,000
Juneau	830	239.8	199,000	40	830	241.0	200,000
Marquette	540	277.8	150,000	50	550	276.4	152,000
Portage	1,120	259.8	291,000	26	1,150	253.0	291,000
Waupaca	1,450	193.1	280,000	29	1,470	190.5	280,000
Waushara	740	251.4	186,000	43 *	760	244.7	186,000
Wood	1,250	196.8	246,000	35	1,260	196.0	247,000
C. District	**7,100**	**231.0**	**1,640,000**		**7,200**	**228.5**	**1,645,000**
Brown	1,340	175.4	235,000	36	1,380	171.0	236,000
Calumet	1,000	175.0	175,000	46	1,040	168.3	175,000
Door	990	156.6	155,000	49	1,010	154.5	156,000
Fond du Lac	1,850	203.2	376,000	17	1,890	200.5	379,000
Kewaunee	1,080	172.2	186,000	43 *	1,110	167.6	186,000
Manitowoc	1,630	177.9	290,000	27	1,660	175.9	292,000
Outagamie	1,670	177.8	297,000	25	1,710	176.0	301,000
Sheboygan	1,280	171.9	220,000	38	1,320	168.9	223,000
Winnebago	1,060	184.9	196,000	41	1,080	182.4	197,000
E.C. District	**11,900**	**179.0**	**2,130,000**		**12,200**	**175.8**	**2,145,000**

NUMBER OF FARMS, AVERAGE SIZE, AND LAND IN FARMS: By Counties, Wisconsin, 1988-89, Continued

County	1989				1988 1/		
	Number of farms	Average size of farms	Land in farms	Rank	Number of farms	Average size of farms	Land in farms
	Number	Acres			Number	Acres	
Crawford	1,130	250.4	283,000	28	1,130	252.2	285,000
Grant	2,670	257.7	688,000	1	2,670	257.7	688,000
Iowa	1,470	284.4	418,000	9	1,460	287.7	420,000
Lafayette	1,440	280.6	404,000	10	1,440	280.6	404,000
Richland	1,270	244.1	310,000	23	1,280	242.2	310,000
Sauk	1,630	244.8	399,000	12	1,630	246.6	402,000
Vernon	2,390	179.1	428,000	8	2,390	180.3	431,000
S.W. District	**12,000**	**244.2**	**2,930,000**		**12,000**	**245.0**	**2,940,000**
Columbia	1,610	224.8	362,000	18	1,620	224.7	364,000
Dane	3,070	199.0	611,000	3	3,110	197.4	614,000
Dodge	2,310	193.5	447,000	5	2,340	191.5	448,000
Green	1,530	227.5	348,000	20*	1,550	225.8	350,000
Jefferson	1,550	177.4	275,000	30	1,580	175.3	277,000
Rock	1,630	231.3	377,000	16	1,650	228.5	377,000
S.C. District	**11,700**	**206.8**	**2,420,000**		**11,850**	**205.1**	**2,430,000**
Kenosha	550	183.6	101,000	61	560	180.4	101,000
Milwaukee	140	100.0	14,000	70	150	93.3	14,000
Ozaukee	530	167.9	89,000	62	530	167.9	89,000
Racine	770	176.6	136,000	53	780	175.6	137,000
Walworth	1,050	235.2	247,000	34	1,060	234.0	248,000
Washington	1,060	152.8	162,000	48	1,060	153.8	163,000
Waukesha	900	156.7	141,000	52	910	157.1	143,000
S.E. District	**5,000**	**178.0**	**890,000**		**5,050**	**177.2**	**895,000**
State	**81,000**	**217.3**	**17,600,000**		**82,000**	**215.9**	**17,700,000**

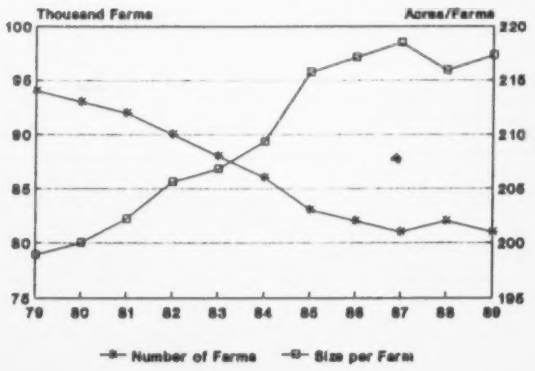
*Tied. 1/Revised.

NUMBER OF FARMS AND LAND IN FARMS 1/ Wisconsin, 1982-89

Year	Number of farms	Land in farms	Average size of farm
	Number	Acres	Acres
1989 2/	**81,000**	**17,600,000**	**217.3**
1988*	82,000	17,700,000	215.9
1987*	81,000	17,700,000	218.5
1986*	82,000	17,800,000	217.1
1985*	83,000	17,900,000	215.7
1984	86,000	18,000,000	209.3
1983	88,000	18,200,000	206.8
1982	90,000	18,500,000	205.6

1/Farm defined as a place that sells $1,000 of agricultural products. 2/Preliminary. *Revised.

WISCONSIN FARM NUMBERS & SIZE



VALUE OF LAND AND BUILDINGS AND AVERAGE GROSS RENT PER FARM: Wisconsin, 1982-90

Year	Value of land and buildings			Average gross rent per acre		
	Average per acre	Value per farm	Total	Farms rented for cash	Cropland rented for cash	Pasture rented for cash
	Dollars	Dollars	Million dollars	Dollars	Dollars	Dollars
1990	**867**	**1/**	**15,264**	**56.90**	**50.00**	**25.00**
1989*	867	188,400	15,264	51.10	50.90	23.30
1988*	826	178,300	14,620	50.30	45.40	21.40
1987*	777	169,900	13,761	42.40	44.80	20.20
1986*	836	181,600	14,889	43.70	48.80	22.00
1985*	944	203,700	16,905	53.20	53.10	23.20
1984*	1,104	231,100	19,876	56.14	58.26	25.73
1983	1,113	230,200	20,257	56.60	57.00	24.30
1982	1,144	235,200	21,164	53.30	58.10	23.60

*Revised. 1/Not available at time of publication. Source: Agricultural Resources, April 1990, ERS, USDA.

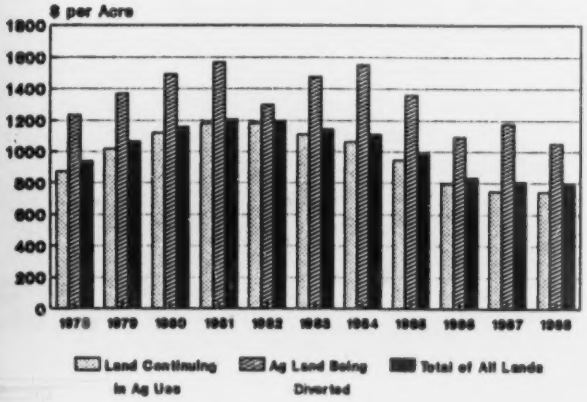
AGRICULTURAL LAND SALES: By Counties, Wisconsin, 1987-88

County	Number of transactions		Land continuing in agricultural use		Agricultural land being diverted to other uses		Total of all reported agricultural lands	
	1988	1987	1988	1987	1988	1987	1988	1987
	Number		Dollars per acre					
Barron	122	80	497	514	591	514	517	514
Bayfield	34	37	297	358	228	423	290	372
Burnett	52	28	412	427	407	377	411	418
Chippewa	102	94	491	501	463	725	486	521
Douglas	36	17	650	286	273	135	591	243
Polk	171	136	473	578	553	533	501	567
Rusk	45	51	388	405	402	408	390	406
Sawyer	21	21	397	343	298	756	374	371
Washburn	42	18	720	278	506	447	704	294
N. W. District	**625**	**482**	**487**	**480**	**512**	**514**	**492**	**485**
Ashland	25	36	195	227	195	274	195	244
Clark	185	164	515	541	328	322	514	541
Iron	10	7	326	150	155	166	323	154
Lincoln	76	57	458	404	319	573	438	433
Marathon	320	258	611	628	612	575	611	625
Oneida	21	11	297	441	429	185	310	378
Price	59	46	200	219	214	472	201	321
Taylor	110	103	409	388	522	319	418	382
Vilas	6	5	447	535	0	301	447	461
N. C. District	**812**	**687**	**519**	**527**	**494**	**443**	**517**	**521**
Florence	26	33	541	310	809	526	658	398
Forest	16	22	377	539	741	449	513	499
Langlade	67	43	466	482	356	422	452	465
Marinette	132	113	477	589	548	632	496	600
Oconto	123	111	575	590	525	723	569	604
Shawano	160	136	772	724	791	542	773	704
N. E. District	**524**	**458**	**617**	**624**	**606**	**566**	**616**	**614**
Buffalo	71	44	595	508	443	1,020	579	520
Dunn	130	95	518	503	658	566	532	512
Eau Claire	90	76	616	608	592	797	610	624
Jackson	78	85	536	472	694	552	542	478
La Crosse	63	49	800	878	3,290	834	1,156	876
Monroe	117	99	710	777	741	507	711	750
Pepin	26	26	512	636	0	379	512	621
Pierce	106	107	712	655	763	714	722	671
St Croix	126	121	680	720	1,143	753	747	727
Trempealeau	84	90	589	503	631	302	597	499
W. C. District	**891**	**792**	**622**	**620**	**901**	**672**	**658**	**626**
Adams	40	36	642	726	517	670	631	718
Green Lake	36	40	947	828	707	1,203	927	880
Juneau	55	61	712	723	811	709	729	721
Marquette	88	67	608	521	816	578	662	536
Portage	96	120	751	629	760	400	753	597
Waupaca	165	161	662	800	753	637	688	764
Waushara	98	101	833	633	597	770	792	678
Wood	113	108	597	849	673	609	608	807
C. District	**691**	**694**	**711**	**738**	**718**	**660**	**713**	**722**
Brown	78	76	1,045	932	1,540	1,454	1,131	980
Calumet	56	43	820	877	1,458	3,205	848	965
Door	60	52	728	928	1,349	1,014	783	946
Fond du Lac	106	83	857	835	1,271	821	890	834
Kewaunee	50	41	817	794	547	582	817	776
Manitowoc	107	78	845	834	846	822	845	833
Outagamie	100	107	976	818	1,425	1,333	1,032	842
Sheboygan	77	82	817	895	971	1,195	835	974
Winnebago	85	76	856	858	1,082	1,503	911	1,054
E. C. District	**719**	**638**	**865**	**858**	**1,199**	**1,240**	**901**	**907**

AGRICULTURAL LAND SALES: By Counties, Wisconsin, 1987-88, Continued

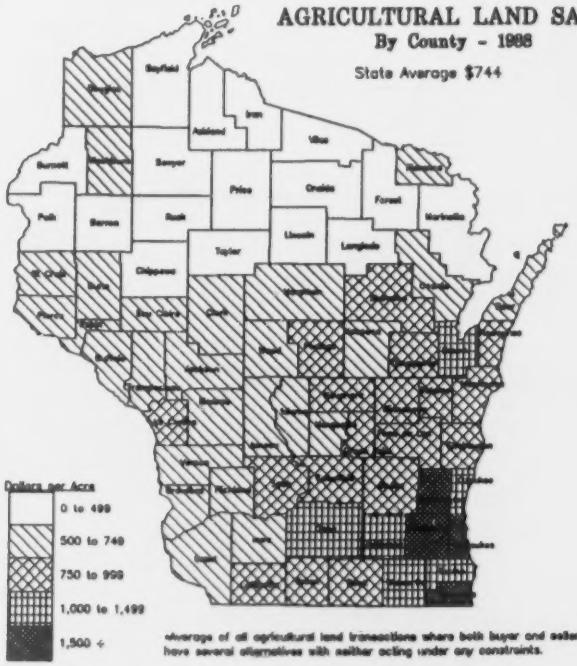
County	Number of transactions		Land continuing in agricultural use		Agricultural land being diverted to other uses		Total of all reported agricultural lands	
	1988	1987	1988	1987	1988	1987	1988	1987
	Number		Dollars per acre					
Crawford	78	87	631	554	537	513	603	550
Grant	176	139	743	678	707	781	741	682
Iowa	102	97	631	628	839	875	658	667
Lafayette	75	78	786	757	1,079	649	792	755
Richland	126	92	590	662	611	525	595	639
Sauk	142	122	760	760	591	495	731	718
Vernon	172	141	694	678	740	701	701	680
S. W. District	**871**	**756**	**711**	**684**	**686**	**659**	**708**	**681**
Columbia	100	90	869	709	830	1,006	863	765
Dane	175	132	1,061	925	1,944	1,380	1,331	1,051
Dodge	122	136	881	1,005	1,285	1,162	920	1,023
Green	85	77	801	830	869	855	809	834
Jefferson	97	78	1,057	1,008	1,239	1,790	1,104	1,074
Rock	100	100	934	891	1,197	1,345	962	924
S. C. District	**679**	**613**	**926**	**907**	**1,447**	**1,212**	**1,017**	**954**
Kenosha	41	46	1,742	1,875	2,717	6,298	1,837	3,012
Milwaukee	6	5	3,943	8,382	2,679	8,241	3,114	8,329
Ozaukee	50	38	1,468	1,444	3,385	1,595	1,889	1,494
Racine	73	52	1,437	1,360	2,501	4,680	1,710	1,615
Walworth	76	75	1,340	1,273	1,207	3,294	1,320	1,355
Washington	88	72	1,893	1,766	2,612	3,622	1,961	2,186
Waukesha	96	99	2,144	2,061	3,545	5,898	2,892	3,474
S. E. District	**430**	**387**	**1,625**	**1,596**	**2,851**	**4,829**	**1,905**	**2,189**
State	**6,242**	**5,507**	**744**	**748**	**1,053**	**1,177**	**789**	**804**

WISCONSIN AVERAGE PRICE PER ACRE OF AGRICULTURAL LAND



AGRICULTURAL LAND SALES*
By County - 1988

State Average $744



*Average of all agricultural land transactions where both buyer and seller have several alternatives with neither acting under any constraints.

Crops & Vegetables

Farmers welcomed a return to a more normal year after the drought of 1988. Cool, spring weather gave the planting and growing season a slow start. However, dry, sunny weather from late September through mid-October provided a base for excellent harvesting weather.

Although moisture was on the short side for most of the season, rain fell in a timely manner so there was sufficient moisture to sustain good crop growth. The state average precipitation for the 1989 growing season (April 1 to September 30) totaled 18.0 inches, 4 inches below normal. The northeast district was the driest, being 8.4 inches below the 30-year average and 1.8 inches less than 1988. April was dry throughout the state which allowed planting to progress rapidly once the soil was warm enough. Rain in late May and early June brought relief to most crops in Wisconsin. The southern two-thirds of the state had near normal to above normal rainfall in July and August, while the northern districts received below normal accumulations.

Temperatures for the June 1 to September 30 period averaged near normal at 65.2 degrees. Growing degree day accumulations for the season (April 1 to October 1) ranged from 90 percent of normal in the northwest district to 104 percent of normal in the central district.

The planting season for all crops got started later than usual. Planting of oats caught up to the 5-year average by mid-May when most of the acreage was seeded. Corn and soybean planting also had a slow onset, but both crops were completed around the normal time. Germination and early growth of field crops was slow because of the dry, cool weather. First crop alfalfa harvest didn't get underway until the beginning of June and progress was slow because of frequent showers. Many farmers in the south had problems with weevil infestations which lowered yield. The second cutting was better in the northern two-thirds of the state. Dry weather in July caused corn and soybeans to show some stress, but timely rains kept the crop progressing. Prime weather conditions at harvest allowed corn and soybean farmers to rapidly complete harvest.

Wisconsin's 1989 corn for grain production was estimated at 310.8 million bushels, an increase of 180.2 million bushels over the 1988 drought stricken crop. The crop recorded a state average yield of 111 bushels per acre, 66 percent above the previous year's crop yield. A total of 9.9 million tons of corn silage was produced from 764,000 harvested acres. Soybean production at 15.2 million bushels was up 69 percent from a year earlier. Yields increased 14 bushels from 1988 to an average 37 bushels per acre.

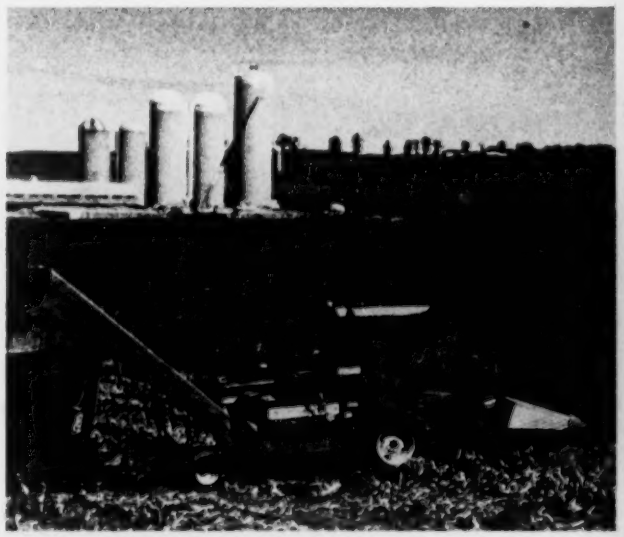


Photo courtesy of Wisconsin State Journal

Dry hay production, at 8.1 million tons, showed a 63 percent increase over the low 1988 levels. Alfalfa and alfalfa mixtures accounted for 7.13 million tons, almost 2.8 million tons more than a year earlier. Alfalfa yields increased 64 percent to an average 2.3 tons per acre. Other hay production was up 55 percent over 1988. Approximately 9.0 million bushels of winter wheat were produced in 1989, 80 percent more than the previous year. Production of oats in Wisconsin during 1989 was more than double the production level in 1988. Nearly 46.9 million bushels of oats were produced off of 710,000 harvested acres of Wisconsin farmland.

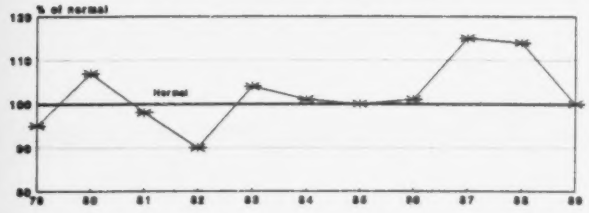
Approximately 23.5 million hundredweight of potatoes were produced in 1989, a 17 percent increase over 1988. Tobacco acreage and production have increased in the past year, while yields have remained virtually the same. The 1989 snap bean crop produced record high yields of 3.41 tons per acre while sweet corn averaged 5.33 tons per acre. Both of these processing vegetables showed increases in production over the 1988 crop. Production of green peas for processing increased 139 percent in 1989.

CROP SUMMARY: All Crops, Wisconsin, 1988-89

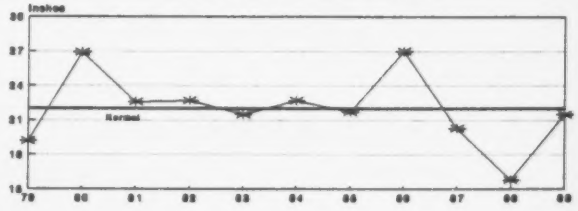
Crop	1989					1988				
	Acres harvested	Yield per acre	Unit	Production		Acres harvested	Yield per acre	Unit	Production	
				Total	Value				Total	Value
	Acres			1,000	1,000 dollars	Acres			1,000	1,000 dollars
Field crops										
Hay, all (dry only)	3,600,000	2.24	Ton	8,080	581,760	3,780,000	1.31	Ton	4,952	529,864
Alfalfa (dry only)	3,100,000	2.30	Ton	7,130	533,218	3,100,000	1.40	Ton	4,340	485,149
All other hay 1/ (dry only)	500,000	1.90	Ton	950	48,542	680,000	0.90	Ton	612	44,715
Oats	710,000	66.0	Bu.	46,860	63,261	580,000	34.0	Bu.	19,720	48,117
Corn for grain	2,800,000	111.0	Bu.	310,800	668,220	1,950,000	67.0	Bu.	130,650	333,158
Corn for silage	764,000	13.0	Ton	9,932	198,640	1,450,000	6.9	Ton	10,005	250,125
Soybeans for beans	410,000	37.0	Bu.	15,170	80,401	390,000	23.0	Bu.	8,970	64,674
Wheat, all	180,000	51.8	Bu.	9,320	32,620	133,000	38.7	Bu.	5,152	16,899
Winter	170,000	53.0	Bu.	9,010	31,535	125,000	40.0	Bu.	5,000	16,400
Spring	10,000	31.0	Bu.	310	1,085	8,000	19.0	Bu.	152	499
Barley	65,000	57.0	Bu.	3,705	7,781	75,000	34.0	Bu.	2,550	5,916
Rye	12,000	30.0	Bu.	360	756	6,000	20.0	Bu.	120	312
Potatoes, all	68,000	345	Cwt.	23,460	164,220	62,500	320	Cwt.	20,000	128,000
Tobacco, all	5,700	1,998	Lb.	11,391	17,087	3,450	2,002	Lb.	6,906	8,633
Type 54	3,600	2,155	Lb.	7,758	11,637	2,400	2,090	Lb.	5,016	6,270
Type 55	2,100	1,730	Lb.	3,633	5,450	1,050	1,800	Lb.	1,890	2,363
Fruits & Specialties										
Apples	7,000	9,290	Lb.	65,000	11,098	6,700	6,720	Lb.	45,000	9,105
Tart cherries 2/	2,900	2,830	Lb.	8,200	848	2,800	3,180	Lb.	8,900	973
Cranberries 2/	9,200	150.0	Bbl.	1,380	62,376	9,100	171.4	Bbl.	1,560	70,512
Strawberries	1,100	55	Cwt.	61	4,026	1,000	41	Cwt.	41	2,624
Peppermint, oil	9,000	43	Lb.	387	6,773	4,900	20	Lb.	98	2,254
Spearmint, oil	5,900	44	Lb.	260	4,368	4,000	23	Lb.	92	1,748
Vegetable, fresh										
Carrots 3/	3,300	475	Cwt.	1,568	8,523	3,200	405	Cwt.	1,296	7,657
Lettuce	0	0	Cwt.	0	0	0	0	Cwt.	0	0
Onions	1,300	375	Cwt.	488	3,273	1,300	270	Cwt.	351	3,424
Vegetables, processing										
Sweet corn	152,000	5.33	Ton	810	51,040	138,400	4.40	Ton	609	34,772
Green peas	85,000	1.53	Ton	130	29,131	79,900	0.68	Ton	54	13,637
Snap beans	82,500	3.41	Ton	281	42,762	82,800	2.53	Ton	209	31,631
Cucumbers	6,700	7.59	Ton	51	9,356	6,800	6.90	Ton	47	8,774

1/Includes clover, timothy, and other types. 2/1988 marketing year average price used in computing value. 3/Includes portion processed.

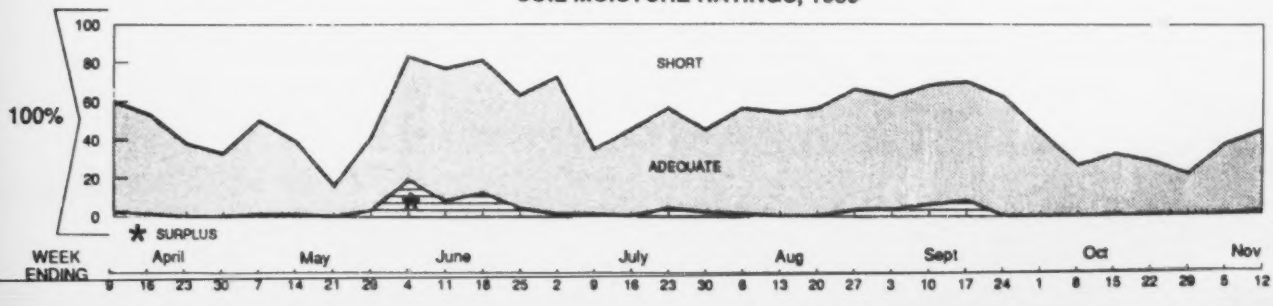
CORN GROWING DEGREE DAYS, WISCONSIN



GROWING SEASON RAINFALL, WISCONSIN



SOIL MOISTURE RATINGS, 1989



MONTHLY AND ANNUAL PRECIPITATION: By Selected Stations and Districts, Wisconsin, 1989

Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
													Total	Change from normal
	Precipitation (inches)													
Northwest														
Amery	0.71	0.41	1.48	2.46	4.58	2.53	2.60	3.96	3.05	1.10	1.29	0.31	24.48	- 5.20
Spooner 1/	0.83	0.26	1.02	1.76	4.45	2.26	1.51	7.00	1.69	2.02	-	0.36	-	-
Superior	2.32	0.13	1.26	1.49	3.01	2.39	1.23	4.62	3.04	0.88	0.78	0.49	21.64	- 8.04
District	1.09	0.37	1.59	1.97	4.63	3.23	2.19	5.79	2.37	1.40	1.22	0.46	26.31	- 3.37
Normal	0.99	0.77	1.65	0.84	3.65	4.39	4.20	4.58	3.54	2.23	1.67	1.17	29.68	
North Central														
Medford	0.75	0.33	2.13	1.78	4.32	3.33	3.43	4.73	1.63	1.44	1.37	0.39	25.63	- 6.26
Rhinelander 1/	-	0.41	1.41	0.79	-	-	0.63	4.25	0.57	-	0.46	0.61	-	-
Wausau	0.84	0.49	2.22	0.88	4.42	2.82	3.45	3.98	1.02	2.95	1.91	0.47	25.45	- 6.44
District	0.92	0.54	1.66	1.44	3.92	3.41	1.81	3.89	1.50	2.00	1.54	0.79	23.42	- 8.47
Normal	1.08	0.90	1.72	2.48	3.64	4.16	4.04	4.56	3.80	2.30	1.89	1.32	31.89	
Northeast														
Brule Island	1.31	0.39	1.77	0.90	2.90	4.17	0.92	2.83	1.68	3.13	1.64	0.79	22.43	- 8.60
Marinette 1/	0.94	0.21	-	-	3.29	2.94	0.96	1.84	0.94	3.80	1.73	-	-	-
Shawano	0.52	0.28	1.42	0.61	5.67	1.87	2.34	1.60	0.73	3.37	0.80	0.60	19.81	- 11.22
District	0.97	0.36	2.13	0.69	3.90	2.77	1.97	2.39	0.91	3.23	1.39	0.62	21.33	- 9.70
Normal	1.19	1.04	1.91	2.82	3.50	3.77	3.62	3.91	3.67	2.24	1.89	1.47	31.03	
West Central														
Blair	0.44	0.59	2.14	1.80	5.81	1.98	3.83	2.52	1.93	2.99	1.63	0.24	25.90	- 5.60
La Crosse	0.41	0.40	2.36	1.78	3.02	1.33	2.59	4.60	1.95	2.71	1.47	0.49	23.11	- 8.39
River Falls	0.47	0.57	1.55	2.22	4.71	2.89	4.45	4.52	1.52	0.74	0.65	0.15	24.44	- 7.06
District	0.46	0.60	2.12	1.77	4.60	2.33	4.00	3.76	1.73	2.04	1.62	0.32	25.35	- 6.15
Normal	0.91	0.80	1.91	2.90	3.88	4.42	4.03	4.11	3.58	2.25	1.61	1.10	31.50	
Central														
Hancock	0.29	0.38	1.82	0.54	7.26	2.08	2.99	1.69	1.51	4.29	1.42	0.32	24.59	- 6.38
Marshfield	0.48	0.40	2.53	0.81	6.97	1.86	2.52	3.10	1.13	2.61	1.51	0.26	24.18	- 6.79
Montello	0.32	0.50	1.71	0.83	5.68	2.68	3.46	2.08	2.30	3.78	1.43	0.33	25.10	- 5.87
District	0.38	0.44	2.25	0.77	6.75	2.08	3.27	2.46	1.66	3.80	1.35	0.32	25.53	- 5.44
Normal	1.00	1.02	2.03	2.99	3.77	3.67	3.57	3.77	3.71	2.36	1.77	1.31	30.97	
East Central														
Green Bay	0.41	0.38	2.88	0.49	4.22	1.56	2.27	3.46	0.58	4.76	1.25	0.55	22.81	- 6.72
Oshkosh	0.43	0.38	2.47	0.47	5.65	1.43	3.16	2.18	0.92	3.75	1.15	0.30	22.29	- 7.24
Sheboygan	0.53	0.83	3.16	0.72	5.74	1.55	3.85	2.08	2.30	3.11	1.96	0.39	26.22	- 3.31
District	0.51	0.50	2.58	0.89	5.19	1.77	3.18	1.91	1.01	3.34	1.16	0.67	22.71	- 6.82
Normal	1.23	1.12	2.03	2.88	3.13	3.33	3.38	3.33	3.23	2.34	1.90	1.63	29.53	
Southwest														
Darlington	0.90	0.58	1.77	2.50	0.87	2.40	4.49	4.22	4.00	1.55	0.77	0.44	24.49	- 7.42
Hillsboro	0.38	0.36	1.57	1.21	4.27	2.59	4.14	5.77	0.93	3.28	2.06	0.21	26.77	- 5.14
Lancaster	0.86	0.28	1.39	2.28	2.34	2.44	2.51	5.16	3.31	3.71	0.68	0.37	25.33	- 6.58
District	0.62	0.47	1.46	1.88	2.14	2.21	3.68	4.93	2.47	3.17	1.07	0.31	24.41	- 7.50
Normal	0.96	1.01	2.06	3.32	3.62	4.13	3.98	3.98	3.50	2.27	1.80	1.28	31.91	
South Central														
Beloit 1/	0.56	0.43	2.54	1.53	1.98	2.02	5.55	-	3.68	0.58	0.54	0.30	-	-
Madison	0.61	0.57	1.69	1.69	1.72	1.67	4.97	6.46	0.89	1.88	0.98	0.26	23.39	- 8.45
Portage	0.57	0.61	2.69	0.38	4.01	2.12	4.07	4.06	0.70	3.46	1.22	0.48	24.37	- 7.47
District	0.54	0.63	2.14	1.41	2.25	1.97	5.13	5.14	2.25	1.94	0.93	0.37	24.70	- 7.14
Normal	1.16	1.03	2.14	3.33	3.21	3.93	3.93	3.84	3.44	2.37	1.92	1.54	31.84	
Southeast														
Kenosha	0.40	0.56	1.27	1.40	1.63	3.39	4.82	4.73	2.18	1.76	2.04	0.28	24.46	- 7.25
Milwaukee	0.86	0.69	3.03	1.33	2.86	1.89	6.16	5.19	3.25	2.67	1.90	0.47	30.30	- 1.41
West Bend 1/	0.70	0.58	2.06	0.94	3.80	1.72	4.67	-	2.94	1.86	1.04	0.42	-	-
District	0.59	0.74	2.27	1.26	2.78	2.24	5.99	5.52	3.05	1.68	1.30	0.37	27.79	- 3.92
Normal	1.42	1.09	2.27	3.30	2.95	3.79	3.85	3.58	3.21	2.40	2.06	1.79	31.71	
State	0.68	0.52	2.02	1.34	4.02	2.45	3.47	3.98	1.88	2.51	1.29	0.47	24.62	- 6.71
Normal	1.07	0.94	1.90	3.01	3.55	4.03	3.89	4.09	3.57	2.29	1.81	1.35	31.33	

1/Data incomplete. Source: Climatological Data, U.S. Department of Commerce, NOAA, Environmental Data Service.

AVERAGE MONTHLY AND ANNUAL TEMPERATURE: By Selected Stations & Districts, Wisconsin, 1989

Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
													Average	Change from normal
	Temperature (degrees F.)													
Northwest														
Amery	17.1	6.0	23.6	42.1	55.5	63.5	72.2	68.2	59.3	47.4	26.4	7.4	40.7	- 0.7
Spooner 1/	18.5	7.9	23.6	42.6	56.2	63.5	72.0	68.1	58.8	48.4	-	7.4	-	-
Superior	17.4	6.4	20.8	37.7	49.0	56.4	67.4	66.8	58.1	45.2	26.8	7.7	38.3	- 3.1
District	17.0	6.1	22.5	40.6	54.4	62.1	70.9	67.0	58.1	47.1	26.3	6.3	39.9	- 1.5
Normal	9.1	14.7	26.3	42.3	54.3	63.3	68.5	66.3	57.2	47.0	31.1	16.8	41.4	
North Central														
Medford	15.9	5.3	21.2	39.3	53.3	61.3	69.3	66.4	57.1	47.3	25.1	4.9	38.9	- 1.8
Rhinelander 1/	-	7.6	21.3	39.0	-	-	69.4	66.4	56.7	-	25.7	5.4	-	-
Wausau	20.5	10.0	24.2	41.5	55.4	63.1	71.1	68.3	57.6	48.8	28.2	8.3	41.4	+ 2.9
District	17.7	6.3	21.1	38.6	52.6	60.1	68.2	65.3	56.0	46.1	25.2	5.3	38.5	- 2.1
Normal	9.9	14.3	25.3	41.1	53.5	62.3	67.0	64.8	56.0	46.2	30.7	16.9	40.7	
Northeast														
Brule Island 1/	15.6	6.2	18.1	38.2	53.4	61.4	-	64.9	55.0	-	25.3	-	-	-
Marinette 1/	22.3	13.6	-	42.2	56.1	64.1	72.7	70.3	60.4	48.7	30.2	10.9	-	-
Shawano	19.6	12.1	23.1	41.7	53.7	62.7	69.9	67.8	57.6	48.5	29.2	8.3	41.2	- 1.0
District	19.1	10.0	21.5	39.3	52.6	61.2	68.7	65.7	56.0	47.2	27.3	7.8	39.7	- 2.5
Normal	13.0	16.7	27.1	42.1	54.2	63.3	68.0	65.8	57.2	47.2	32.5	19.4	42.2	
West Central														
Blair	20.2	8.9	26.0	42.4	55.2	63.9	71.9	67.6	57.6	47.9	28.4	9.2	41.6	- 2.9
La Crosse	24.2	12.8	29.2	46.0	58.9	67.7	75.4	71.4	61.1	51.7	31.5	12.1	45.2	+ 0.7
River Falls	21.8	10.0	27.0	45.0	57.8	65.9	74.2	69.9	60.6	51.0	29.5	11.1	43.7	- 0.8
District	22.6	11.2	27.0	44.6	56.9	65.2	73.4	69.3	59.6	50.0	29.6	10.4	43.3	- 1.2
Normal	12.2	18.0	29.4	45.7	57.9	66.9	71.4	69.1	60.0	49.5	33.7	19.9	44.5	
Central														
Hancock	24.7	13.6	27.5	44.0	56.2	65.5	72.6	69.5	59.8	51.0	31.3	11.2	43.9	- 0.1
Marshfield	22.2	11.8	25.9	43.0	55.2	64.7	71.7	68.9	58.6	49.8	28.9	9.2	42.5	- 1.5
Montello	23.8	13.6	26.5	43.9	56.0	65.1	71.2	68.7	58.3	49.5	31.2	10.7	43.2	- 0.8
District	23.7	13.0	26.6	43.2	55.6	64.6	71.6	68.7	58.5	49.9	30.5	10.7	43.1	- 1.0
Normal	13.5	18.3	29.0	44.8	56.7	65.6	70.0	67.9	59.3	48.9	33.9	20.4	44.0	
East Central														
Green Bay	25.5	13.0	25.3	41.9	54.9	63.4	70.9	68.7	59.0	49.6	31.4	11.2	42.9	- 1.9
Oshkosh	24.8	13.3	25.8	42.8	55.6	64.8	72.4	68.8	59.9	50.9	30.8	10.8	43.4	- 1.4
Sheboygan	30.5	19.6	31.0	42.6	53.2	63.8	71.6	68.5	62.4	51.5	36.1	16.8	45.6	+ 0.8
District	26.7	15.1	26.7	41.9	53.9	62.7	70.3	69.0	59.8	49.5	32.6	12.7	43.4	- 1.4
Normal	16.7	20.5	30.1	43.7	54.7	64.2	69.7	68.4	60.4	49.9	36.1	23.4	44.8	
Southwest														
Darlington	27.3	14.4	31.4	45.3	56.2	66.3	73.9	68.7	58.6	50.6	32.6	12.9	44.9	- 1.3
Hillsboro	23.9	12.1	26.8	42.8	55.6	64.5	71.0	67.8	56.6	47.9	29.8	10.9	42.5	- 3.7
Lancaster	24.8	13.0	30.1	45.0	56.2	66.0	73.8	69.3	58.8	50.5	31.1	12.2	44.2	- 1.9
District	26.0	14.0	30.1	45.0	56.7	66.0	73.3	69.3	59.0	50.4	31.9	12.8	44.5	- 1.6
Normal	15.6	20.9	31.8	46.9	58.6	67.6	71.9	69.9	61.5	50.8	35.8	22.5	46.2	
South Central														
Beloit 1/	28.5	15.7	32.6	45.7	58.0	67.7	74.1	-	-	53.7	34.6	14.2	-	-
Madison	27.6	14.6	30.1	44.7	56.1	65.7	72.3	68.6	58.7	50.8	33.1	14.2	44.7	- 1.9
Portage	25.1	13.9	28.5	43.8	56.3	65.7	72.4	69.1	59.1	50.9	33.6	12.2	44.2	- 2.4
District	26.5	14.0	29.9	44.6	56.5	65.9	72.3	68.6	58.7	50.3	32.8	12.9	44.4	- 2.2
Normal	16.8	21.6	32.1	47.0	58.5	67.6	71.9	69.9	61.9	51.2	36.6	23.5	46.6	
Southeast														
Kenosha	31.7	18.7	33.0	42.6	53.5	62.8	70.1	70.3	60.8	51.9	36.0	16.2	45.6	- 1.1
Milwaukee	30.4	18.0	32.4	43.2	54.9	64.4	71.6	68.8	60.2	52.7	35.1	16.7	45.7	- 1.1
West Bend 1/	28.5	15.6	29.3	42.8	53.7	64.5	69.8	-	58.0	49.9	33.4	14.4	-	-
Distict	29.0	16.7	31.1	43.7	55.5	65.0	71.1	69.7	60.0	51.2	33.9	14.6	45.1	- 1.6
Normal	18.6	23.0	32.6	45.9	56.8	66.4	71.4	70.0	62.4	51.5	37.6	25.0	46.8	
State	23.1	11.8	26.3	42.4	55.0	63.6	71.1	68.1	58.4	49.1	30.0	10.4	42.4	- 1.1
Normal	12.9	17.7	28.5	43.9	55.8	64.8	69.6	67.5	58.9	48.6	33.5	19.9	43.5	

1/Data incomplete. Source: Climatological Data, U.S. Department of Commerce, N0AA, Environmental Data Service.

INDEX OF CROP PRODUCTION: By Major Groups and Selected Crops, Wisconsin, 1980-89 1/ (1977=100)

Crop group	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980
Main field crops	81	56	87	97	98	99	87	107	103	96
Hay (dry only)	67	41	76	91	94	106	102	106	89	102
Oats	62	26	57	69	68	70	59	65	69	77
Corn, grain	98	41	104	115	113	109	70	114	119	110
Corn, silage	84	85	87	90	96	88	88	108	108	80
Other field crops	160	119	137	137	147	148	128	142	121	105
Soybeans	226	133	181	171	143	208	206	203	184	162
Potatoes	130	111	123	112	134	118	105	125	101	89
Tobacco	47	28	34	49	74	67	68	83	108	107
Vegetables	125	91	119	107	114	109	96	98	100	90
Green peas	89	37	79	78	110	88	75	101	86	105
Sweet corn	136	102	129	110	112	107	95	94	100	86
Snap beans	152	113	150	133	134	127	114	103	115	114
Fruit	139	137	142	128	127	122	116	132	109	122
Apples	116	80	116	104	111	95	104	107	105	116
Cherries	67	73	115	30	70	98	37	82	79	99
Cranberries	162	183	163	156	144	141	133	152	113	127
Miscellaneous	188	55	93	107	98	145	142	102	99	89
Total	85	59	89	98	101	101	89	108	104	96

1/Includes revisions.

FIELD CROPS: Production, Farm Use, Sales, and Value, Wisconsin, 1982-89 1/ 2/

Crop year	Production	Used on farms where produced	Sold	Sales as percent of production	Marketing year average 3/	Value	
						Production	Sales
	1,000 bushels			Percent	Dollars/bushel	1,000 dollars	
				CORN FOR GRAIN			
1989	310,800	174,048	136,752	44.0	2.15	668,220	294,017
1988	130,650	73,164	57,486	44.0	2.55	333,158	146,589
1987	330,400	208,152	122,248	37.0	2.01	664,104	245,718
1986	365,800	223,138	142,662	39.0	1.46	534,068	208,287
1985	358,450	-	-	-	2.19	785,006	-
1984	344,500	189,475	155,025	45.0	2.58	888,810	399,965
1983	223,100	160,632	62,468	28.0	3.15	702,765	196,774
1982	361,800	187,800	174,000	48.1	2.69	973,242	468,060
				SOYBEANS			
1989	15,170	1,669	13,501	89.0	5.30	80,401	71,555
1988	8,970	807	8,163	91.0	7.21	64,674	58,855
1987	12,160	1,216	10,944	90.0	5.71	69,434	62,490
1986	11,520	196	11,324	98.3	4.57	52,646	51,751
1985	9,600	-	-	-	4.85	46,560	-
1984	13,950	209	13,741	98.5	5.70	79,515	78,324
1983	13,825	180	13,645	98.7	7.60	105,070	103,702
1982	13,640	208	13,432	98.5	5.63	76,793	75,622
				WHEAT			
1989	9,320	746	8,574	92.0	3.50	32,620	30,009
1988	5,152	654	4,498	87.3	3.28	16,899	14,753
1987	4,164	125	4,039	97.0	2.33	9,702	9,411
1986	8,040	322	7,718	96.0	2.34	18,813	18,060
1985	8,800	-	-	-	2.80	24,640	-
1984	9,640	357	9,283	96.3	3.25	31,330	30,170
1983	5,812	232	5,580	96.0	3.50	20,343	19,530
1982	5,596	201	5,395	96.4	3.10	17,348	16,725

1/Includes revisions. 2/Disposition estimates were not made in 1985. 3/Marketing year for corn and soybeans, September-August; wheat, June-May.

FIELD CROPS: Production, Farm Use, Sales, and Value, Wisconsin, 1982-89 1/ 2/, Continued

Crop year	Production	Used on farms where produced	Sold	Sales as percent of production	Marketing year average 3/	Value	
						Production	Sales
	1,000 bushels			Percent	Dollars/bushel	1,000 dollars	
				OATS			
1989	**46,860**	**29,053**	**17,807**	**38.0**	**1.35**	**63,261**	**24,039**
1988	19,720	12,384	7,336	37.2	2.44	48,117	17,900
1987	43,200	31,536	11,664	27.0	1.50	64,800	17,496
1986	52,700	38,471	14,229	27.0	1.13	59,551	16,079
1985	51,480	-	-	-	1.31	67,439	-
1984	53,320	44,256	9,064	17.0	1.64	87,445	14,865
1983	45,050	38,292	6,758	15.0	1.74	78,387	11,759
1982	49,290	40,418	8,872	18.0	1.62	79,850	14,373
				RYE			
1989	**360**	**162**	**198**	**55.0**	**2.10**	**756**	**416**
1988	120	42	78	65.0	2.60	312	203
1987	150	45	105	70.0	1.70	255	179
1986	168	64	104	62.0	1.55	260	161
1985	234	-	-	-	2.25	527	-
1984	216	76	140	65.0	2.20	475	308
1983	300	120	180	60.0	2.20	660	396
1982	300	120	180	60.1	2.30	690	414
				ALL HAY (DRY ONLY) 4/			
1989	**8,080**	**6,666**	**1,414**	**17.5**	**72.00**	**581,760**	**101,808**
1988	4,952	4,383	569	11.5	107.00	529,864	60,883
1987	9,140	8,409	731	8.0	53.50	488,990	39,109
1986	10,950	10,183	767	7.0	53.00	580,350	40,651
1985	11,240	-	-	-	73.50	826,140	-
1984	12,770	11,646	1,124	8.8	64.00	817,280	71,936
1983	12,200	11,346	854	7.0	77.00	939,400	65,758
1982	12,753	11,707	1,046	8.2	66.50	848,075	69,559
				BARLEY			
1989	**3,705**	**3,149**	**556**	**15.0**	**2.10**	**7,781**	**1,168**
1988	2,550	2,007	543	21.3	2.32	5,916	1,260
1987	4,752	4,134	618	13.0	1.55	7,366	958
1986	4,845	4,312	533	11.0	1.24	6,008	661
1985	3,074	-	-	-	1.55	4,765	-

1/Includes, revisions. 2/Disposition estimates were not made in 1985. 3/Marketing year for oats, rye, hay and barley, June-May. 4/Production, farm use, and sales in thousand tons; marketing year average price in dollars per ton.

POTATOES: Production, Utilization, Sales, and Value, Wisconsin, 1982-89

Crop year	Production	Total used for seed	Feed, seed, household use	Shrinkage and loss	Sold	Marketing year average	Value	
							Production	Sales
	1,000 cwt.					Dollars/cwt.	1,000 dollars	
1989 1/	**23,460**	**-**	**-**	**-**	**-**	**7.00**	**164,220**	**-**
1988*	20,000	1,260	234	780	18,986	6.40	128,000	121,510
1987*	22,100	1,071	195	1,791	20,114	3.85	85,085	77,439
1986	20,125	1,161	262	1,408	18,455	4.60	92,575	84,893
1985	24,130	1,003	220	1,660	22,250	3.15	76,010	70,088
1984	21,350	1,170	171	918	20,261	4.80	102,480	97,253
1983	18,910	1,054	354	875	17,681	5.55	104,951	98,130
1982	22,575	1,071	294	880	21,401	4.10	92,558	87,744

1/Utilization data for 1989 not available at time of publication. *Revised.

GRAIN STOCKS: Specified Crops By Storage Position
Wisconsin, January 1, April 1, 1981-90

Crop year	January 1			April 1		
	On farms	Off farms 1/	Total	On farms	Off farms 1/	Total
	1,000 bushels					
	CORN					
1990 2/	**270,000**	**61,615**	**331,615**	**190,000**	**52,441**	**242,441**
1989 2/	175,000	59,881	234,881	125,000	52,469	177,469
1988 2/	300,000	94,750	394,750	220,000	81,722	301,722
1987 2/	325,000	87,664	412,664	238,000	92,100	330,100
1986	265,253	46,468	311,721	193,563	43,537	237,100
1985	220,480	36,725	257,205	165,360	26,014	191,374
1984	196,328	44,412	240,740	129,398	31,297	160,695
1983	325,620	55,617	381,237	242,406	45,927	288,333
1982	272,160	43,975	316,135	219,240	38,379	257,619
1981	257,816	37,805	295,621	188,136	32,366	220,502
	SOYBEANS					
1990 2/	**6,800**	**4,929**	**11,729**	**5,100**	**3,345**	**8,445**
1989 2/	3,400	4,823	8,223	2,800	2,108	4,908
1988 2/	6,000	7,220	13,220	4,600	4,783	9,383
1987 2/	7,000	4,725	11,725	4,000	4,677	8,677
1986	5,280	2,511	7,791	4,608	2,194	6,802
1985	7,673	2,105	9,778	6,138	1,346	7,484
1984	6,083	2,006	8,089	4,148	1,593	5,741
1983	7,775	1,692	9,467	6,820	1,401	8,221
1982	7,425	1,704	9,129	6,559	1,478	8,037
1981	5,445	3,899	9,344	4,792	3,099	7,891
	WHEAT					
1990 2/	*	**12,353**	*	*	**5,031**	*
1989 2/	*	12,377	*	*	12,534	*
1988 2/	*	23,410	*	*	24,407	*
1987 2/	*	26,149	*	*	27,584	*
1986	1,144	20,942	22,086	*	27,098	*
1985	1,350	12,342	13,692	771	13,001	13,772
1984	872	10,703	11,575	407	16,644	17,051
1983	1,231	14,275	15,506	783	15,668	16,451
1982	828	17,153	17,981	717	19,352	20,069
1981	786	14,116	14,902	655	17,665	18,320
	OATS					
1990 2/	3/	3/	3/	**23,200**	**4,422**	**27,622**
1989	3/	3/	3/	3/	3/	3/
1988	3/	3/	3/	3/	3/	3/
1987	3/	3/	3/	3/	3/	3/
1986	35,521	2,462	37,983	3/	3/	3/
1985	37,857	2,510	40,367	27,193	1,743	28,936
1984	36,040	1,949	37,989	22,525	1,297	23,822
1983	36,968	1,382	38,350	23,659	1,405	25,064
1982	41,559	1,779	43,338	28,407	1,053	29,460
1981	50,519	2,202	52,721	30,546	2,679	33,225
	BARLEY					
1990 2/	*	**14,345**	*	*	**18,710**	*
1989 2/	*	15,837	*	*	15,065	*
1988	3/	3/	3/	3/	3/	3/
1987	3/	3/	3/	3/	3/	3/
1986	2,306	24,019	26,325	3/	3/	3/
1985	1,537	15,827	17,364	1,193	16,380	17,573
1984	1,958	16,739	18,697	1,037	14,475	15,512
1983	2,150	11,314	13,464	1,720	11,676	13,396
1982	1,235	11,699	12,934	1,140	12,805	13,945
1981	1,074	17,778	18,852	844	17,188	18,032

1/Includes stocks at mills, elevators, warehouses, terminals, processors. 2/Reference dates changed from January 1 to December 1, previous year, and from April 1 to March 1. 3/Quarterly on-farm and off-farm stocks are discontinued. *USDA's policy to not publish "minor" states separately.

GRAIN STOCKS: Specified Crops By Storage Position
Wisconsin, June 1, October 1, 1981-89

Crop year	June 1			October 1		
	On farms	Off farms 1/	Total	On farms	Off farms 1/	Total
	1,000 bushels					
	CORN					
1989 2/	**95,000**	**34,463**	**133,463**	**63,000**	**26,362**	**89,362**
1988 2/	160,000	66,200	226,200	110,000	50,833	160,833
1987 2/	168,000	72,800	240,800	120,000	64,700	184,700
1986 2/	136,211	46,652	182,863	105,000	41,319	146,319
1985	106,795	23,281	130,076	37,895	17,722	55,617
1984	82,547	18,000	100,547	20,079	8,487	28,566
1983	198,990	46,718	245,708	119,394	41,532	160,926
1982	192,780	27,237	220,017	86,940	20,252	107,192
1981	125,424	21,643	147,067	48,776	9,985	58,761
	SOYBEANS 3/					
1989	**2,200**	**843**	**3,043**	**970**	**546**	**1,516**
1988	2,900	1,881	4,781	1,000	1,553	2,553
1987	3,000	4,050	7,050	1,400	3,200	4,600
1986	2,784	2,063	4,847	1,250	1,542	2,792
1985	4,185	1,375	5,560	1,814	632	2,446
1984	2,212	1,164	3,376	926	594	1,520
1983	4,638	735	5,373	2,592	690	3,282
1982	4,331	1,087	5,418	1,238	442	1,680
1981	4,247	809	5,056	2,396	557	2,953
	WHEAT					
1989 2/	*	**5,916**	*	*	**18,369**	*
1988 2/	*	13,121	*	*	20,712	*
1987 2/	*	23,800	*	*	30,000	*
1986 2/	*	23,933	*	*	30,680	*
1985	289	15,664	15,953	1,760	22,336	24,096
1984	291	11,198	11,489	2,024	24,518	26,542
1983	504	7,978	8,482	1,162	17,523	18,685
1982	662	12,281	12,943	1,455	16,268	17,723
1981	611	10,336	10,947	993	20,589	21,582
	OATS					
1989	**6,500**	**1,433**	**7,933**	**4/**	**4/**	**4/**
1988	9,300	1,338	10,638	4/	4/	4/
1987	16,300	1,570	17,870	4/	4/	4/
1986	18,018	1,579	19,597	4/	4/	4/
1985	17,596	1,720	19,316	50,965	3,124	54,089
1984	16,218	905	17,123	50,654	3,057	53,711
1983	17,252	1,068	18,320	45,050	1,908	46,958
1982	17,886	1,071	18,957	40,418	2,103	42,521
1981	23,497	1,542	25,039	44,189	2,699	46,888
	BARLEY					
1989 2/	*	**14,987**	*	*	**12,814**	*
1988 2/	*	14,421	*	*	22,343	*
1987	*	19,350	*	4/	4/	4/
1986	*	19,000	*	4/	4/	4/
1985	795	12,729	13,524	2,890	26,049	28,939
1984	691	10,508	11,199	1,590	19,350	20,940
1983	1,478	10,623	12,101	2,534	26,105	28,639
1982	1,045	10,405	11,450	2,688	12,117	14,805
1981	690	11,736	12,426	1,330	20,375	21,705

1/Includes stocks at mills, elevators, warehouses, terminals, processors. 2/Reference dates changed from October 1 to September 1. 3/Soybean estimates are for September 1. 4/Quarterly on-farm and off-farm stocks are discontinued. *USDA's policy not to publish "minor" states separately.

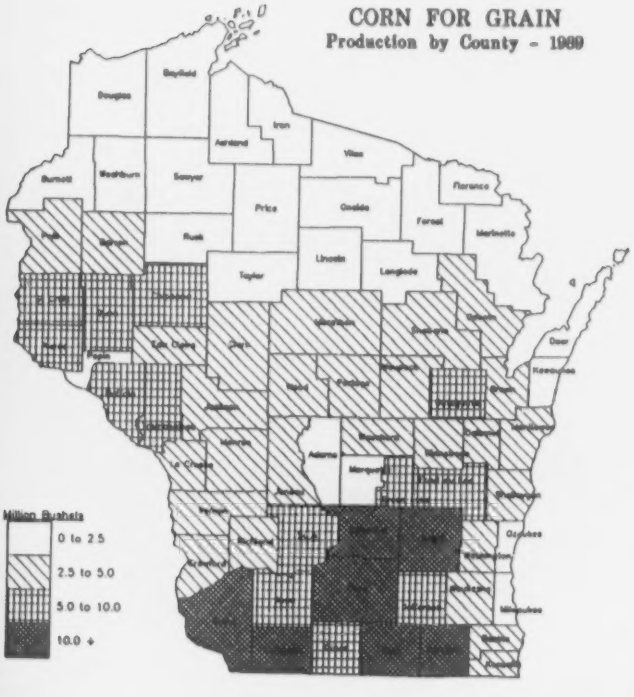
CORN FOR GRAIN: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Barron	62,800	45,900	102.4	4,700,000	22	61,900	20,500	52.8	1,082,000
Bayfield	1,600	700	85.7	60,000	64	1,900	300	53.3	16,000
Burnett	13,900	10,400	89.5	931,000	56	12,200	5,100	45.7	233,000
Chippewa	72,100	49,300	102.2	5,040,000	20	66,300	21,500	57.3	1,231,000
Douglas	300	200	85.0	17,000	69	300	100	40.0	4,000
Polk	54,200	38,100	96.6	3,680,000	35	57,800	18,800	41.2	774,000
Rusk	17,500	10,000	96.1	961,000	55	17,600	3,900	59.2	231,000
Sawyer	4,100	2,600	87.7	228,000	61	4,200	1,200	57.5	69,000
Washburn	11,500	7,800	87.6	683,000	58	10,800	3,600	43.9	158,000
N. W. District	**238,000**	**165,000**	**98.8**	**16,300,000**		**233,000**	**75,000**	**50.6**	**3,798,000**
Ashland	1,800	700	82.9	58,000	65	1,900	400	61.3	24,500
Clark	80,300	47,500	84.8	4,030,000	32	74,600	24,600	52.6	1,295,000
Iron	500	200	85.0	17,000	69	600	100	45.0	4,500
Lincoln	5,800	2,700	80.0	216,000	62	5,400	1,300	64.6	84,000
Marathon	92,600	52,500	85.3	4,479,000	26	79,500	24,400	55.6	1,357,000
Oneida	500	400	95.0	38,000	66	100	-	-	-
Price	5,500	2,300	90.0	207,000	63	5,450	1,050	58.1	61,000
Taylor	22,900	13,600	91.6	1,246,000	53	20,400	6,100	52.3	319,000
Vilas	100	100	90.0	9,000	71	50	50	60.0	3,000
N. C. District	**210,000**	**120,000**	**85.8**	**10,300,000**		**188,000**	**58,000**	**54.3**	**3,148,000**
Florence	1,200	300	76.7	23,000	68	1,200	200	67.5	13,500
Forest	700	300	93.3	28,000	67	600	200	82.5	16,500
Langlade	10,300	5,900	95.4	563,000	59	9,200	3,300	99.7	329,000
Marinette	25,300	14,700	82.0	1,206,000	54	22,400	11,500	83.5	960,000
Oconto	53,500	36,100	86.4	3,120,000	44	46,300	26,000	83.8	2,179,000
Shawano	63,000	35,700	88.5	3,160,000	43	59,300	25,800	79.3	2,045,000
N. E. District	**154,000**	**93,000**	**87.1**	**8,100,000**		**139,000**	**67,000**	**82.7**	**5,543,000**
Buffalo	55,200	44,500	117.3	5,220,000	18	46,700	26,700	70.3	1,877,000
Dunn	79,000	65,600	111.7	7,330,000	11	76,100	44,100	60.0	2,646,000
Eau Claire	36,900	29,700	108.4	3,220,000	42	36,500	20,600	59.4	1,224,000
Jackson	38,600	31,500	112.7	3,550,000	36	34,900	20,200	59.4	1,199,000
La Crosse	34,100	28,500	115.4	3,290,000	39	31,000	19,600	77.8	1,524,000
Monroe	53,600	39,700	114.4	4,540,000	25	50,800	24,100	64.1	1,545,000
Pepin	23,400	19,000	114.7	2,180,000	50	22,600	12,500	58.5	731,000
Pierce	69,700	57,900	114.9	6,650,000	15	67,900	40,400	56.4	2,280,000
St. Croix	82,300	66,000	108.2	7,140,000	12	80,100	43,000	54.5	2,345,000
Trempealeau	69,200	54,600	113.2	6,180,000	17	66,400	35,800	68.0	2,436,000
W. C. District	**542,000**	**437,000**	**112.8**	**49,300,000**		**513,000**	**287,000**	**62.0**	**17,807,000**
Adams	25,500	20,000	110.5	2,210,000	49	20,100	16,100	67.2	1,082,000
Green Lake	52,000	45,200	112.2	5,070,000	19	43,500	32,700	75.9	2,482,000
Juneau	44,300	38,000	111.3	4,230,000	29	39,000	27,400	62.2	1,704,000
Marquette	30,100	23,200	102.6	2,380,000	48	27,800	17,600	65.3	1,149,000
Portage	43,300	36,200	111.3	4,030,000	32	46,200	32,200	88.9	2,861,000
Waupaca	61,400	43,600	106.0	4,620,000	23	59,700	32,400	74.1	2,400,000
Waushara	33,700	30,600	106.2	3,250,000	41	31,900	26,900	78.2	2,103,000
Wood	39,700	25,200	99.6	2,510,000	47	37,800	16,700	66.9	1,117,000
C. District	**330,000**	**262,000**	**108.0**	**28,300,000**		**306,000**	**202,000**	**73.8**	**14,898,000**
Brown	54,100	31,600	97.5	3,080,000	45	55,900	21,400	71.2	1,523,000
Calumet	40,000	24,500	106.1	2,600,000	46	39,700	15,600	72.6	1,133,000
Door	18,800	10,100	82.2	830,000	57	17,500	6,700	64.2	430,000
Fond du Lac	101,400	78,300	108.9	8,530,000	8	91,400	55,900	78.4	4,382,000
Kewaunee	33,500	19,400	100.0	1,940,000	52	33,800	12,400	71.5	886,000
Manitowoc	64,500	41,100	100.7	4,140,000	30	63,400	29,000	69.6	2,018,000
Outagamie	89,700	62,300	103.9	6,470,000	16	94,600	51,300	81.5	4,181,000
Sheboygan	55,300	39,700	104.3	4,140,000	30	58,100	30,400	81.5	2,478,000
Winnebago	53,700	43,000	104.0	4,470,000	27	50,600	32,300	62.1	2,007,000
E. C. District	**511,000**	**350,000**	**103.4**	**36,200,000**		**505,000**	**255,000**	**74.7**	**19,038,000**

CORN FOR GRAIN: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89, Continued

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Crawford	34,600	29,100	116.8	3,400,000	37	33,000	20,500	56.7	1,163,000
Grant	146,000	129,000	115.5	14,900,000	3	139,500	93,700	60.4	5,658,000
Iowa	76,600	61,500	114.5	7,040,000	13	80,000	42,700	61.3	2,618,000
Lafayette	124,300	108,200	121.5	13,150,000	4	110,300	69,400	58.3	4,047,000
Richland	37,500	29,300	115.4	3,380,000	38	44,900	21,800	59.7	1,302,000
Sauk	85,600	69,900	117.7	8,230,000	10	91,500	49,400	68.2	3,371,000
Vernon	50,400	37,000	116.2	4,300,000	28	52,800	24,500	74.3	1,820,000
S. W. District	**555,000**	**464,000**	**117.2**	**54,400,000**		**552,000**	**322,000**	**62.0**	**19,979,000**
Columbia	119,600	105,100	118.9	12,500,000	5*	113,700	84,000	72.7	6,104,000
Dane	208,900	181,000	114.9	20,800,000	1	186,200	134,700	68.7	9,259,000
Dodge	133,600	104,700	119.4	12,500,000	5*	135,400	77,500	77.9	6,039,000
Green	88,200	71,300	117.8	8,400,000	9	69,000	48,900	56.1	2,742,000
Jefferson	74,400	61,400	114.0	7,000,000	14	77,700	46,500	61.4	2,856,000
Rock	149,300	135,500	120.3	16,300,000	2	136,000	102,400	75.1	7,688,000
S. C. District	**774,000**	**659,000**	**117.6**	**77,500,000**		**738,000**	**494,000**	**70.2**	**34,688,000**
Kenosha	36,000	31,700	119.6	3,790,000	34	35,300	24,000	56.2	1,349,000
Milwaukee	2,100	2,000	130.0	260,000	60	1,600	1,400	50.0	70,000
Ozaukee	20,400	17,500	117.1	2,050,000	51	20,000	13,200	61.8	816,000
Racine	42,800	37,400	122.5	4,580,000	24	41,300	28,500	71.8	2,046,000
Walworth	101,100	93,200	124.5	11,600,000	7	91,400	70,800	64.5	4,567,000
Washington	38,400	28,200	116.0	3,270,000	40	40,100	19,500	59.7	1,165,000
Waukesha	45,200	40,000	121.3	4,850,000	21	46,300	32,600	53.3	1,738,000
S. E. District	**286,000**	**250,000**	**121.6**	**30,400,000**		**276,000**	**190,000**	**61.8**	**11,751,000**
State	**3,600,000**	**2,800,000**	**111.0**	**310,800,000**		**3,450,000**	**1,950,000**	**67.0**	**130,650,000**

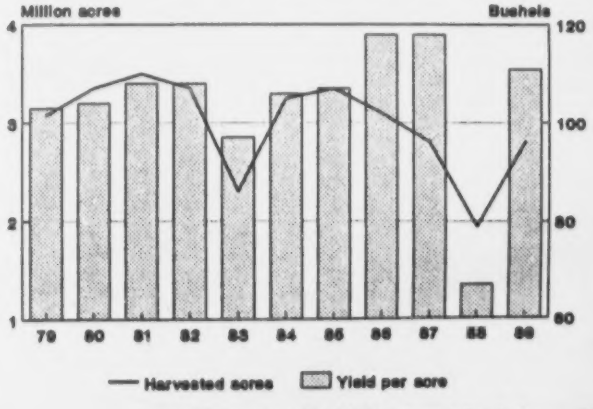
*Tied.



CORN: All Corn Acreage Planted, and Acreage, Yield, and Production of Corn for Grain Wisconsin, 1982-89

Year	All corn acres planted	Corn for grain		
		Acres harvested	Yield per acre	Production
	1,000		Bushels	1,000 bushels
1989	**3,600**	**2,800**	**111.0**	**310,800**
1988	3,450	1,950	67.0	130,650
1987	3,550	2,800	118.0	330,400
1986	3,900	3,100	118.0	365,800
1985	4,300	3,350	107.0	358,450
1984	4,150	3,250	106.0	344,500
1983	3,190	2,300	97.0	223,100
1982	4,400	3,350	108.0	361,800

WISCONSIN CORN FOR GRAIN



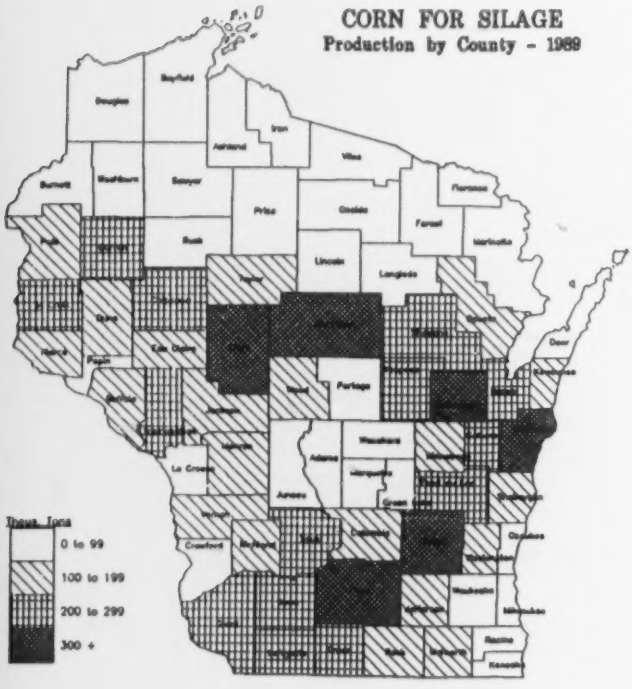
CORN FOR SILAGE: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Barron	62,800	16,600	12.8	213,000	17	61,900	40,200	5.4	216,900
Bayfield	1,600	900	12.4	11,200	63 *	1,900	1,500	5.6	8,400
Burnett	13,900	3,100	11.5	35,700	56	12,200	6,600	4.6	30,600
Chippewa	72,100	21,900	12.1	266,000	10	66,300	43,600	5.1	221,600
Douglas	300	100	9.0	900	69 *	300	200	4.5	900
Polk	54,200	15,900	12.1	192,000	21	57,800	37,900	4.8	180,300
Rusk	17,500	6,800	12.1	82,400	44	17,600	13,500	6.4	86,100
Sawyer	4,100	1,400	10.9	15,300	62	4,200	2,900	6.6	19,000
Washburn	11,500	3,300	10.2	33,500	60	10,800	6,600	4.0	26,200
N. W. District	**238,000**	**70,000**	**12.1**	**850,000**		**233,000**	**153,000**	**5.2**	**790,000**
Ashland	1,800	1,100	10.2	11,200	63 *	1,900	1,400	6.4	9,000
Clark	80,300	31,500	11.6	364,000	5	74,600	48,600	6.7	328,000
Iron	500	300	10.0	3,000	67	600	500	5.2	2,600
Lincoln	5,800	3,100	11.1	34,400	58	5,400	4,000	8.0	32,000
Marathon	92,600	35,800	11.7	418,000	1	79,500	53,300	7.2	383,000
Oneida	500	100	15.0	1,500	68	100	100	8.0	800
Price	5,500	2,900	12.0	34,900	57	5,450	4,100	7.0	28,600
Taylor	22,900	8,900	11.6	103,000	38	20,400	14,000	6.6	92,000
Vilas	100	-	-	-	-	50	-	-	-
N. C. District	**210,000**	**83,700**	**11.6**	**970,000**		**188,000**	**126,000**	**7.0**	**876,000**
Florence	1,200	700	11.3	7,900	65	1,200	800	8.4	6,700
Forest	700	300	12.0	3,600	66	600	400	9.0	3,600
Langlade	10,300	4,400	10.1	44,400	54	9,200	5,600	10.0	55,900
Marinette	25,300	10,000	9.8	98,100	41	22,400	10,800	8.8	95,400
Oconto	53,500	16,800	10.5	176,000	26	46,300	20,000	8.5	169,600
Shawano	63,000	26,800	10.6	284,000	8	59,300	32,400	7.8	252,800
N. E. District	**154,000**	**59,000**	**10.4**	**614,000**		**139,000**	**70,000**	**8.3**	**584,000**
Buffalo	55,200	10,600	15.6	165,000	31 *	46,700	19,700	7.4	145,800
Dunn	79,000	12,900	13.3	171,000	28	76,100	29,900	6.0	178,600
Eau Claire	36,900	6,900	14.4	99,700	40	36,500	14,800	4.9	72,100
Jackson	38,600	6,800	14.7	100,000	39	34,900	14,300	6.2	88,100
La Crosse	34,100	5,400	15.6	84,000	43	31,000	11,000	9.0	98,500
Monroe	53,600	13,600	13.6	185,000	25	50,800	26,000	6.4	166,300
Pepin	23,400	4,400	14.6	64,300	51	22,600	9,900	5.3	52,200
Pierce	69,700	11,800	14.4	170,000	29 *	67,900	27,200	7.1	193,800
St. Croix	82,300	16,200	13.6	221,000	14	80,100	36,100	5.5	197,100
Trempealeau	69,200	14,400	14.6	210,000	18	66,400	30,100	6.6	199,500
W. C. District	**542,000**	**103,000**	**14.3**	**1,470,000**		**513,000**	**219,000**	**6.4**	**1,392,000**
Adams	25,500	2,200	12.8	28,200	61	20,100	3,800	6.3	23,800
Green Lake	52,000	5,300	13.0	69,000	50	43,500	10,200	7.6	77,300
Juneau	44,300	6,100	11.9	72,300	46 *	39,000	11,000	7.1	78,000
Marquette	30,100	5,600	12.9	72,300	46 *	27,800	9,700	7.4	71,300
Portage	43,300	6,400	11.1	71,200	49	46,200	12,200	7.1	86,800
Waupaca	61,400	17,400	11.7	204,000	20	59,700	26,900	7.4	199,500
Waushara	33,700	3,000	11.3	34,000	59	31,900	4,600	7.1	32,800
Wood	39,700	14,000	11.2	157,000	33	37,800	20,600	6.7	138,500
C. District	**330,000**	**50,000**	**11.8**	**708,000**		**306,000**	**99,000**	**7.2**	**708,000**
Brown	54,100	22,300	12.4	277,000	9	55,900	34,100	7.5	255,400
Calumet	40,000	15,300	13.4	205,000	19	39,700	23,700	7.2	171,000
Door	18,800	7,600	11.3	86,000	42	17,500	10,700	7.0	74,600
Fond du Lac	101,400	21,400	13.4	286,000	7	91,400	34,800	8.2	285,600
Kewaunee	33,500	13,900	13.4	186,000	24	33,800	21,000	8.7	182,400
Manitowoc	64,500	23,000	13.4	309,000	6	63,400	33,400	8.7	291,800
Outagamie	89,700	26,900	13.8	371,000	4	94,600	42,400	9.3	394,100
Sheboygan	55,300	15,200	12.5	190,000	22	58,100	27,200	9.4	256,300
Winnebago	53,700	10,400	12.5	130,000	34	50,600	17,700	7.4	131,800
E. C. District	**511,000**	**156,000**	**13.1**	**2,040,000**		**505,000**	**245,000**	**8.3**	**2,043,000**

CORN FOR SILAGE: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89, Continued

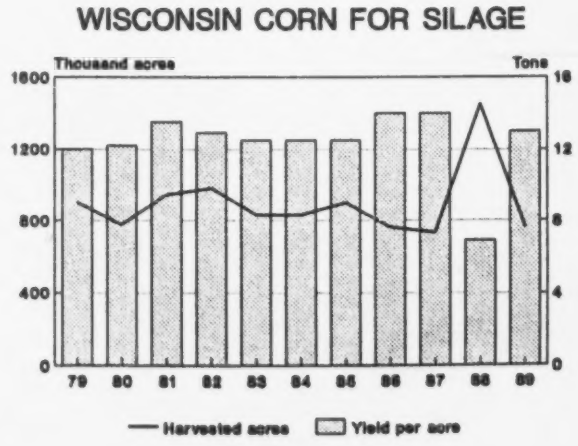
County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Crawford	34,600	5,300	14.3	76,000	45	33,000	12,200	5.5	67,100
Grant	146,000	16,800	14.4	242,000	11	139,500	44,800	6.8	304,000
Iowa	76,600	14,800	14.6	216,000	16	80,000	36,100	5.5	197,400
Lafayette	124,300	16,100	13.5	218,000	15	110,300	38,400	5.9	225,600
Richland	37,500	8,200	14.3	117,000	36	44,900	22,400	7.1	158,500
Sauk	85,600	15,200	14.6	222,000	13	91,500	41,400	7.0	289,800
Vernon	50,400	12,900	14.7	189,000	23	52,800	27,700	7.1	196,600
S. W. District	**555,000**	**89,300**	**14.3**	**1,280,000**		**552,000**	**223,000**	**6.5**	**1,439,000**
Columbia	119,600	12,700	13.8	175,000	27	113,700	28,600	7.8	223,300
Dane	208,900	27,400	14.1	385,000	3	186,200	50,200	7.2	362,800
Dodge	133,600	28,100	14.8	417,000	2	135,400	57,100	7.7	437,200
Green	88,200	16,200	14.3	232,000	12	89,000	37,200	5.7	213,600
Jefferson	74,400	12,100	13.6	165,000	31 *	77,700	30,400	6.7	204,800
Rock	149,300	12,500	13.6	170,000	29 *	136,000	29,500	6.0	177,300
S. C. District	**774,000**	**109,000**	**14.2**	**1,544,000**		**738,000**	**233,000**	**6.9**	**1,619,000**
Kenosha	36,000	4,100	13.6	55,800	53	35,300	10,300	6.0	61,800
Milwaukee	2,100	100	9.0	900	69 *	1,600	200	4.5	900
Ozaukee	20,400	2,800	13.3	37,200	55	20,000	6,700	6.4	42,600
Racine	42,800	4,900	11.6	57,000	52	41,300	12,300	8.3	102,000
Walworth	101,100	7,800	14.4	112,300	37	91,400	20,000	6.5	130,700
Washington	38,400	9,300	13.1	121,400	35	40,100	19,900	7.1	141,800
Waukesha	45,200	5,000	14.3	71,400	48	46,300	12,600	5.9	74,200
S. E. District	**286,000**	**34,000**	**13.4**	**456,000**		**276,000**	**82,000**	**6.8**	**554,000**
State	**3,600,000**	**764,000**	**13.0**	**9,932,000**		**3,450,000**	**1,450,000**	**6.9**	**10,005,000**

*Tied.



CORN FOR SILAGE: Acreage, Yield, and Production Wisconsin, 1982-89

Year	Acres harvested	Yield per acre	Production
	1,000	Tons	1,000 tons
1989	**764**	**13.0**	**9,932**
1988	1,450	6.9	10,005
1987	730	14.0	10,220
1986	760	14.0	10,640
1985	900	12.5	11,250
1984	830	12.5	10,375
1983	830	12.5	10,375
1982	980	12.9	12,642



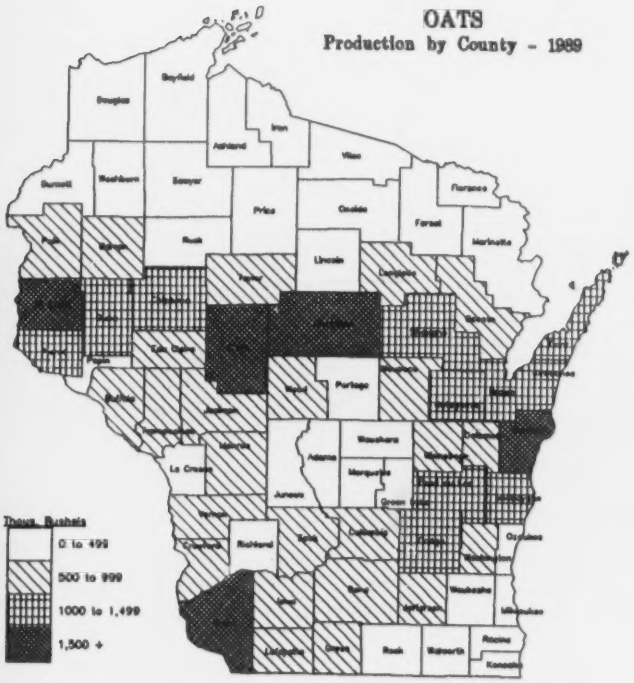
OATS: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Barron	19,500	14,500	67.6	980,000	18	22,100	12,000	32.8	394,000
Bayfield	2,600	1,900	58.9	112,000	60	2,700	1,600	33.8	54,000
Burnett	2,900	2,000	60.0	120,000	59	3,700	1,500	26.0	39,000
Chippewa	26,300	19,300	66.8	1,290,000	10	27,400	15,400	29.4	452,000
Douglas	1,300	1,000	59.0	59,000	65	1,200	700	27.1	19,000
Polk	16,800	12,700	63.8	810,000	23	18,200	9,900	27.4	271,000
Rusk	7,400	5,500	60.9	335,000	48	8,400	4,400	29.3	129,000
Sawyer	1,500	1,100	63.6	70,000	64	2,000	900	25.6	23,000
Washburn	2,700	2,000	62.0	124,000	58	3,300	1,600	30.6	49,000
N. W. District	**81,000**	**60,000**	**65.0**	**3,900,000**		**89,000**	**48,000**	**29.8**	**1,430,000**
Ashland	1,600	1,300	60.8	79,000	63	1,900	1,000	34.0	34,000
Clark	33,500	25,900	68.0	1,760,000	3	36,000	20,900	28.0	585,000
Iron	600	500	58.0	29,000	68*	700	400	30.0	12,000
Lincoln	7,400	5,900	62.7	370,000	45	7,600	4,800	27.5	132,000
Marathon	45,100	35,300	66.3	2,340,000	1	48,000	29,500	30.0	885,000
Oneida	500	400	57.5	23,000	70	500	300	26.7	8,000
Price	3,700	3,000	63.3	190,000	54	4,100	2,400	31.7	76,000
Taylor	15,000	11,700	65.0	760,000	28	15,600	9,300	31.8	296,000
Vilas	600	500	58.0	29,000	68*	600	400	30.0	12,000
N. C. District	**108,000**	**84,500**	**66.0**	**5,580,000**		**115,000**	**69,000**	**29.6**	**2,040,000**
Florence	300	200	60.0	12,000	71	200	100	30.0	3,000
Forest	1,100	700	61.4	43,000	66	1,200	500	26.0	13,000
Langlade	14,900	12,000	65.8	790,000	24*	14,300	8,800	32.2	283,000
Marinette	7,400	5,800	60.3	350,000	47	9,400	4,400	25.7	113,000
Oconto	13,500	10,500	64.3	675,000	31	17,000	7,900	28.1	222,000
Shawano	20,200	18,200	67.6	1,230,000	12	25,900	14,300	31.2	446,000
N. E. District	**60,400**	**47,400**	**65.4**	**3,100,000**		**68,000**	**36,000**	**30.0**	**1,080,000**
Buffalo	12,300	8,600	61.6	530,000	38*	13,700	6,900	38.8	268,000
Dunn	24,400	17,700	63.3	1,120,000	15	26,000	15,000	32.5	488,000
Eau Claire	18,500	13,300	64.7	860,000	20*	18,500	11,300	30.4	344,000
Jackson	12,100	9,200	66.8	615,000	34	14,400	7,800	36.2	282,000
La Crosse	7,100	5,100	64.7	330,000	49	8,300	4,400	41.1	181,000
Monroe	15,800	11,300	63.7	720,000	30	17,800	9,700	36.8	357,000
Pepin	8,500	6,500	69.2	450,000	42	8,500	5,100	39.0	199,000
Pierce	23,000	17,600	70.5	1,240,000	11	21,900	14,000	36.1	505,000
St. Croix	30,100	23,200	66.8	1,550,000	5	29,400	19,000	30.8	586,000
Trempealeau	17,200	12,500	62.0	775,000	26	19,500	10,800	35.2	380,000
W. C. District	**169,000**	**125,000**	**65.5**	**8,190,000**		**178,000**	**104,000**	**34.5**	**3,590,000**
Adams	2,000	1,400	65.0	91,000	61	3,100	1,000	32.0	32,000
Green Lake	8,800	6,400	65.6	420,000	43	9,400	4,600	33.7	155,000
Juneau	7,100	5,000	59.8	299,000	51	8,000	3,700	29.2	108,000
Marquette	4,300	3,100	54.8	170,000	55	5,500	2,200	25.0	55,000
Portage	8,900	6,400	57.5	368,000	46	11,200	4,700	27.0	127,000
Waupaca	13,800	10,100	62.9	635,000	33	17,700	7,500	30.1	226,000
Waushara	3,200	2,300	54.3	125,000	57	5,300	1,700	28.8	49,000
Wood	13,400	9,800	62.4	612,000	35	12,800	6,600	31.5	208,000
C. District	**61,500**	**44,500**	**61.1**	**2,720,000**		**73,000**	**32,000**	**30.0**	**960,000**
Brown	22,100	17,600	65.3	1,150,000	14	28,200	15,400	30.6	471,000
Calumet	14,800	12,000	75.0	900,000	19	17,800	9,900	33.7	334,000
Door	19,900	16,300	64.4	1,050,000	16	23,300	13,700	25.8	353,000
Fond du Lac	25,600	20,100	67.7	1,360,000	8	28,900	16,500	33.9	560,000
Kewaunee	23,800	19,200	72.4	1,390,000	7	27,800	16,600	35.6	591,000
Manitowoc	28,800	23,500	74.0	1,740,000	4	33,500	20,100	36.5	734,000
Outagamie	21,100	16,400	70.7	1,160,000	13	26,900	13,600	34.3	467,000
Sheboygan	23,500	19,300	68.9	1,330,000	9	26,100	16,100	38.1	613,000
Winnebago	12,400	9,600	62.5	600,000	37	15,500	8,100	31.7	257,000
E. C. District	**192,000**	**154,000**	**69.4**	**10,680,000**		**228,000**	**130,000**	**33.7**	**4,380,000**

OATS: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89, Continued

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Crawford	11,900	8,500	60.0	510,000	40	13,300	7,200	39.6	285,000
Grant	40,400	29,800	67.4	2,010,000	2	41,400	24,300	44.1	1,071,000
Iowa	17,300	12,600	62.7	790,000	24*	20,000	10,000	37.7	377,000
Lafayette	18,000	13,100	65.6	860,000	20*	19,800	11,100	41.9	465,000
Richland	7,800	5,200	57.7	300,000	50	8,500	4,400	34.5	152,000
Sauk	17,100	12,200	63.1	770,000	27	20,100	10,200	33.9	346,000
Vernon	14,500	9,500	64.2	610,000	36	15,900	7,800	41.5	324,000
S. W. District	**127,000**	**90,900**	**64.4**	**5,850,000**		**139,000**	**75,000**	**40.3**	**3,020,000**
Columbia	13,200	9,800	66.8	655,000	32	13,900	7,700	38.7	298,000
Dane	21,500	15,100	65.9	995,000	17	23,500	12,300	41.2	507,000
Dodge	28,500	20,900	69.4	1,450,000	6	30,800	17,300	41.7	721,000
Green	18,000	12,500	60.0	750,000	29	20,700	10,400	36.2	376,000
Jefferson	11,600	8,500	62.4	530,000	38*	12,400	6,700	36.3	243,000
Rock	8,200	5,900	64.4	380,000	44	11,700	4,600	33.7	155,000
S. C. District	**101,000**	**72,700**	**65.5**	**4,760,000**		**113,000**	**59,000**	**39.0**	**2,300,000**
Kenosha	1,700	1,300	65.0	84,500	62	2,500	1,100	32.7	36,000
Milwaukee	600	500	69.0	34,500	67	800	500	34.0	17,000
Ozaukee	8,100	6,400	71.9	460,000	41	9,300	5,600	37.0	207,000
Racine	2,900	2,200	63.2	139,000	56	3,500	2,000	35.5	71,000
Walworth	5,100	3,900	65.9	257,000	53	6,500	3,400	32.4	110,000
Washington	15,700	12,200	67.6	825,000	22	17,900	10,700	34.8	372,000
Waukesha	6,000	4,500	62.2	280,000	52	6,500	3,700	28.9	107,000
S. E. District	**40,100**	**31,000**	**67.1**	**2,080,000**		**47,000**	**27,000**	**34.1**	**920,000**
State	**940,000**	**710,000**	**66.0**	**46,860,000**		**1,050,000**	**580,000**	**34.0**	**19,720,000**

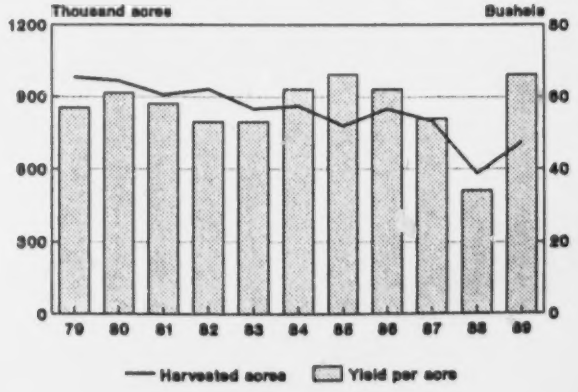
*Tied.



OATS: Acreage, Yield, and Production Wisconsin, 1982-89

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1989	**940**	**710**	**66.0**	**46,860**
1988	1,050	580	34.0	19,720
1987	1,300	800	54.0	43,200
1986	1,200	850	62.0	52,700
1985	950	780	66.0	51,480
1984	1,040	860	62.0	53,320
1983	1,140	850	53.0	45,050
1982	1,180	930	53.0	49,290

WISCONSIN OATS



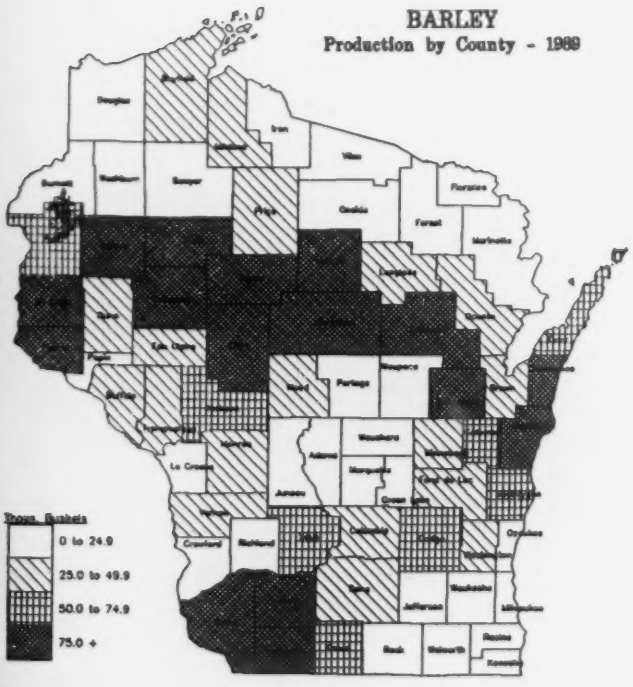
BARLEY: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Barron	3,800	3,300	54.2	179,000	3	5,300	3,900	34.4	134,000
Bayfield	600	400	65.3	26,100	42	650	500	32.0	16,000
Burnett	250	150	46.7	7,000	60	300	200	30.0	6,000
Chippewa	2,200	1,400	60.0	84,000	12 *	2,600	1,600	34.4	55,000
Douglas	100	50	48.0	2,400	68 *	-	-	-	-
Polk	1,900	1,400	50.5	70,700	18	2,500	1,800	29.4	53,000
Rusk	2,400	1,500	56.0	84,000	12 *	2,900	1,800	34.4	62,000
Sawyer	250	150	48.0	7,200	58	250	200	30.0	6,000
Washburn	800	450	45.8	20,600	44	800	500	36.0	18,000
N. W. District	**12,300**	**8,800**	**54.7**	**481,000**		**15,300**	**10,500**	**33.3**	**350,000**
Ashland	850	800	46.3	37,000	33	1,400	1,200	35.4	42,500
Clark	5,600	4,800	57.7	277,000	2	7,100	5,300	32.5	172,000
Iron	50	50	48.0	2,400	68 *	50	-	-	-
Lincoln	1,700	1,400	59.3	83,000	14	1,700	1,400	32.1	45,000
Marathon	5,300	5,000	57.4	287,000	1	8,600	6,600	33.3	220,000
Oneida	100	50	48.0	2,400	68 *	-	-	-	-
Price	850	800	52.5	42,000	30	1,500	1,400	41.6	58,300
Taylor	3,700	2,400	56.5	135,700	8	3,800	3,000	31.3	94,000
Vilas	150	100	45.0	4,500	66	150	100	32.0	3,200
N. C. District	**18,300**	**15,400**	**56.6**	**871,000**		**24,300**	**19,000**	**33.4**	**635,000**
Florence	200	200	46.0	9,200	57	250	200	30.0	6,000
Forest	300	300	46.3	13,900	51	350	300	28.7	8,600
Langlade	1,000	900	55.3	49,800	25	1,200	800	33.9	27,100
Marinette	500	400	49.3	19,700	46	700	600	32.5	19,500
Oconto	800	700	51.1	35,800	34	1,000	600	28.5	17,100
Shawano	2,200	1,900	54.5	103,600	11	2,600	2,000	33.4	66,700
N. E. District	**5,000**	**4,400**	**52.7**	**232,000**		**6,100**	**4,500**	**32.2**	**145,000**
Buffalo	900	700	48.9	34,200	35	1,400	1,000	40.5	40,500
Dunn	1,150	900	53.3	48,000	27	1,400	1,200	37.5	45,000
Eau Claire	1,000	800	49.4	39,500	32	900	700	32.9	23,000
Jackson	1,300	1,000	54.9	54,900	22	1,500	1,200	29.2	35,000
La Crosse	300	200	48.5	9,700	56	250	200	37.5	7,500
Monroe	800	600	55.0	33,000	36	1,000	800	33.8	27,000
Pepin	250	200	54.5	10,900	55	350	200	35.0	7,000
Pierce	2,200	1,900	55.9	106,300	10	2,700	2,200	33.6	74,000
St. Croix	1,700	1,500	53.2	79,800	15	2,200	1,800	34.4	62,000
Trempealeau	700	600	47.8	28,700	40	900	700	34.3	24,000
W. C. District	**10,300**	**8,400**	**53.0**	**445,000**		**12,600**	**10,000**	**34.5**	**345,000**
Adams	100	100	54.0	5,400	64	150	100	35.0	3,500
Green Lake	300	200	56.5	11,300	52	250	200	37.5	7,500
Juneau	400	300	51.7	15,500	49	400	300	33.3	10,000
Marquette	100	100	46.0	4,600	65	150	100	35.0	3,500
Portage	500	350	48.0	16,800	48	650	500	28.0	14,000
Waupaca	600	400	55.8	22,300	43	550	400	36.3	14,500
Waushara	100	50	46.0	2,300	71	50	-	-	-
Wood	1,100	900	48.7	43,800	29	1,100	900	35.6	32,000
C. District	**3,200**	**2,400**	**50.8**	**122,000**		**3,300**	**2,500**	**34.0**	**85,000**
Brown	1,050	850	57.6	49,000	26	1,200	1,000	33.0	33,000
Calumet	1,100	950	67.8	64,400	19	1,300	1,000	27.0	27,000
Door	900	800	64.8	51,800	24	1,200	900	25.6	23,000
Fond du Lac	700	500	59.4	29,700	38	900	700	28.6	20,000
Kewaunee	2,800	2,400	65.8	158,000	6	3,600	2,700	37.8	102,000
Manitowoc	2,800	2,500	63.6	159,000	5	3,800	3,000	34.0	102,000
Outagamie	1,300	1,200	63.8	76,500	16	1,900	1,400	38.6	54,000
Sheboygan	950	900	57.8	52,000	23	1,400	1,100	37.3	41,000
Winnebago	600	500	55.2	27,600	41	800	500	26.0	13,000
E. C. District	**12,200**	**10,600**	**63.0**	**668,000**		**16,100**	**12,300**	**33.7**	**415,000**

BARLEY: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89, Continued

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Crawford	250	200	56.0	11,200	53*	400	300	40.0	12,000
Grant	3,400	3,000	59.3	178,000	4	4,700	3,700	42.2	156,000
Iowa	3,000	2,500	58.4	146,000	7	3,200	2,400	28.3	68,000
Lafayette	2,500	2,100	61.0	128,000	9	3,900	2,600	35.8	93,000
Richland	350	300	47.3	14,200	50	400	300	33.3	10,000
Sauk	1,200	1,000	57.2	57,200	20	1,600	1,200	30.0	36,000
Vernon	900	700	63.4	44,400	28	1,100	700	28.6	20,000
S. W. District	**11,600**	**9,800**	**59.1**	**579,000**		**15,300**	**11,200**	**35.3**	**395,000**
Columbia	800	500	59.0	29,500	39	650	350	37.1	13,000
Dane	700	600	54.7	32,800	37	650	500	42.0	21,000
Dodge	1,100	900	62.3	56,100	21	1,300	1,000	35.0	35,000
Green	1,800	1,300	55.0	71,500	17	1,350	1,000	35.0	35,000
Jefferson	400	300	59.7	17,900	47	450	300	36.7	11,000
Rock	300	200	56.0	11,200	53*	300	150	33.3	5,000
S. C. District	**5,100**	**3,800**	**57.6**	**219,000**		**4,700**	**3,300**	**35.4**	**120,000**
Kenosha	100	100	71.0	7,100	59	150	100	37.0	3,700
Milwaukee	100	50	56.0	2,800	67	-	-	-	-
Ozaukee	500	300	66.0	19,800	45	550	400	38.3	15,300
Racine	100	100	60.0	6,000	62	150	100	34.0	3,400
Walworth	100	100	56.0	5,600	63	150	100	37.0	3,700
Washington	900	650	62.2	40,400	31	1,100	900	34.3	30,900
Waukesha	200	100	63.0	6,300	61	200	100	30.0	3,000
S. E. District	**2,000**	**1,400**	**62.9**	**88,000**		**2,300**	**1,700**	**35.3**	**60,000**
State	**80,000**	**65,000**	**57.0**	**3,705,000**		**100,000**	**75,000**	**34.0**	**2,550,000**

*Tied.



BARLEY: Acreage, Yield, and Production Wisconsin, 1982-89

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1989	**80**	**65**	**57.0**	**3,705**
1988	100	75	34.0	2,550
1987	110	88	54.0	4,752
1986	95	85	57.0	4,845
1985	57	53	58.0	3,074
1984	55	50	53.0	2,650
1983	53	48	48.0	2,304
1982	51	48	56.0	2,688

RYE: Acreage, Yield, and Production Wisconsin, 1982-89

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1989	**70**	**12**	**30.0**	**360**
1988	40	6	20.0	120
1987*	25	6	25.0	150
1986	20	6	28.0	168
1985	30	9	26.0	234
1984	30	8	27.0	216
1983	25	10	30.0	300
1982	40	10	30.0	300

*Revised.

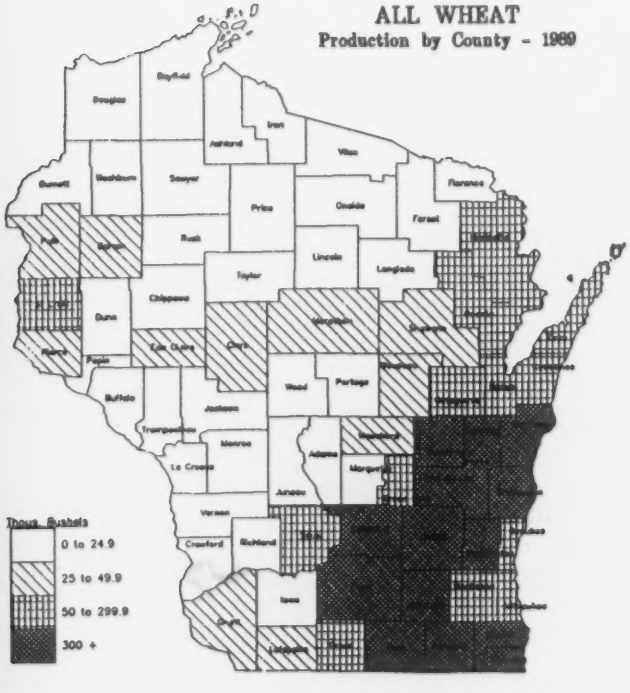
ALL WHEAT: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Barron	1,240	1,050	47.2	49,600	28	980	850	32.5	27,600
Bayfield	410	300	39.0	11,700	46	250	200	23.5	4,700
Burnett	100	100	45.0	4,500	57*	100	100	30.0	3,000
Chippewa	250	150	45.3	6,800	51*	150	150	34.0	5,100
Douglas	100	100	45.0	4,500	57*	50	50	34.0	1,700
Polk	620	600	45.7	27,400	37	830	550	32.4	17,800
Rusk	200	100	46.0	4,600	56	50	50	34.0	1,700
Sawyer	50	50	46.0	2,300	67	-	-	-	-
Washburn	530	450	34.7	15,600	43	390	350	23.4	8,200
N. W. District	**3,500**	**2,900**	**43.8**	**127,000**		**2,800**	**2,300**	**30.3**	**69,800**
Ashland	150	100	43.0	4,300	59	100	100	30.0	3,000
Clark	960	800	38.5	30,800	35	350	350	33.7	11,800
Iron	100	50	40.0	2,000	69*	-	-	-	-
Lincoln	160	100	36.0	3,600	64	100	100	36.0	3,600
Marathon	1,210	1,050	45.0	47,200	30	650	550	34.0	18,700
Oneida	100	50	40.0	2,000	69*	-	-	-	-
Price	160	100	33.0	3,300	66	100	50	16.0	800
Taylor	110	100	34.0	3,400	65	150	150	30.0	4,500
Vilas	50	50	40.0	2,000	69*	100	100	36.0	3,600
N. C. District	**3,000**	**2,400**	**41.1**	**98,600**		**1,550**	**1,400**	**32.9**	**46,000**
Florence	200	150	45.3	6,800	51*	-	-	-	-
Forest	100	50	44.0	2,200	68	150	100	36.0	3,600
Langlade	480	400	41.5	16,600	42	300	250	30.8	7,700
Marinette	1,450	1,300	49.5	64,300	24	1,200	1,150	33.7	38,800
Oconto	2,350	2,000	42.3	84,600	23	1,550	1,400	30.6	42,900
Shawano	880	700	44.4	31,100	34	700	600	35.5	21,300
N. E. District	**5,460**	**4,600**	**44.7**	**205,600**		**3,900**	**3,500**	**32.7**	**114,300**
Buffalo	550	450	34.0	15,300	44	300	300	25.7	7,700
Dunn	220	200	34.5	6,900	50	300	250	28.0	7,000
Eau Claire	1,320	1,200	36.7	44,000	31	1,450	1,400	34.6	48,400
Jackson	100	100	40.0	4,000	60*	100	100	41.0	4,100
La Crosse	100	100	40.0	4,000	60*	100	100	37.0	3,700
Monroe	100	100	40.0	4,000	60*	150	100	37.0	3,700
Pepin	100	100	40.0	4,000	60*	150	100	37.0	3,700
Pierce	890	750	37.7	28,300	36	950	850	29.3	24,900
St. Croix	1,520	1,350	39.5	53,300	27	1,250	1,200	34.1	40,900
Trempealeau	220	150	34.7	5,200	54*	250	200	32.0	6,400
W. C. District	**5,120**	**4,500**	**37.6**	**169,000**		**5,000**	**4,600**	**32.7**	**150,500**
Adams	630	300	42.3	12,700	45	250	200	32.0	6,400
Green Lake	3,860	3,550	51.1	181,400	19	2,900	2,650	47.8	126,600
Juneau	320	200	45.5	9,100	47	230	150	41.3	6,200
Marquette	300	200	37.5	7,500	49	200	150	42.7	6,400
Portage	610	450	37.8	17,000	41	350	300	22.3	6,700
Waupaca	3,500	1,000	48.1	48,100	29	830	700	43.4	30,400
Waushara	900	600	41.7	25,000	38	500	400	38.3	15,300
Wood	260	200	40.0	8,000	48	240	150	32.0	4,800
C. District	**10,380**	**6,500**	**47.5**	**308,800**		**5,500**	**4,700**	**43.1**	**202,800**
Brown	4,700	4,150	51.7	214,400	18	3,000	2,850	34.9	99,500
Calumet	6,950	6,000	53.8	322,800	14	5,350	4,500	36.3	163,300
Door	3,550	3,100	45.5	141,200	21	3,200	2,800	32.4	90,800
Fond du Lac	15,450	13,450	49.6	667,400	1	10,250	9,300	42.2	392,600
Kewaunee	3,450	3,000	54.3	162,800	20	2,300	2,150	38.6	83,000
Manitowoc	10,300	9,100	56.3	512,500	6	6,350	5,900	38.1	224,500
Outagamie	6,500	5,650	47.7	269,500	16	4,200	3,850	40.1	154,500
Sheboygan	12,100	10,600	51.8	549,200	4	8,900	8,250	36.3	299,200
Winnebago	10,320	8,650	45.2	391,400	11	7,650	7,000	36.7	256,600
E. C. District	**73,320**	**63,700**	**50.7**	**3,231,200**		**51,200**	**46,600**	**37.9**	**1,764,000**

ALL WHEAT: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89, Continued

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Crawford	100	100	52.0	5,200	54 *	100	100	40.0	4,000
Grant	910	700	56.6	39,600	32	500	450	48.4	21,800
Iowa	560	450	52.7	23,700	39	510	450	36.9	16,600
Lafayette	810	600	54.7	32,800	33	480	450	40.0	18,000
Richland	400	300	63.7	19,100	40	200	200	33.5	6,700
Sauk	1,160	1,050	55.7	58,500	26	960	750	38.1	28,600
Vernon	100	100	53.0	5,300	53	100	100	44.0	4,400
S. W. District	**4,040**	**3,300**	**55.8**	**184,200**		**2,850**	**2,500**	**40.0**	**100,100**
Columbia	10,300	8,850	52.9	468,100	8	7,300	6,450	44.7	288,400
Dane	12,600	10,600	56.6	600,300	3	8,250	7,300	45.8	334,600
Dodge	13,940	12,100	51.2	619,400	2	9,600	8,850	43.5	385,100
Green	2,750	2,200	55.3	121,600	22	1,800	1,550	35.5	55,100
Jefferson	11,480	9,850	49.5	487,700	7	8,750	7,000	39.8	278,500
Rock	7,550	6,600	51.0	336,700	13	7,400	5,250	41.0	215,400
S. C. District	**58,620**	**50,200**	**52.5**	**2,633,800**		**43,100**	**36,400**	**42.8**	**1,557,100**
Kenosha	7,980	6,850	65.6	449,600	9	5,350	5,150	35.0	180,100
Milwaukee	1,100	1,000	59.0	59,000	25	800	700	44.3	31,000
Ozaukee	6,060	5,200	56.0	291,200	15	4,300	3,800	35.3	134,100
Racine	10,260	9,000	57.8	520,200	5	7,100	6,700	38.8	259,900
Walworth	9,580	8,350	52.5	438,100	10	6,990	5,650	39.5	223,300
Washington	8,320	7,150	52.8	377,600	12	5,870	5,550	36.8	204,300
Waukesha	5,260	4,350	52.0	226,100	17	3,690	3,450	33.2	114,700
S. E. District	**48,560**	**41,900**	**56.4**	**2,361,800**		**34,100**	**31,000**	**37.0**	**1,147,400**
State	**212,000**	**180,000**	**51.8**	**9,320,000**		**150,000**	**133,000**	**38.7**	**5,152,000**

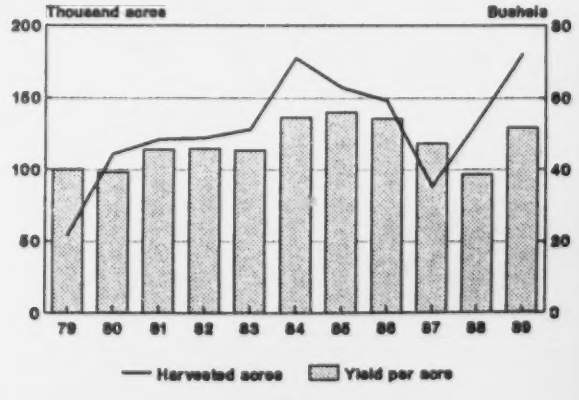
*Tied.



SPRING WHEAT: Acreage, Yield, and Production Wisconsin, 1982-89

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1989	**12**	**10**	**31.0**	**310**
1988	10	8	19.0	152
1987	30	28	33.0	924
1986	20	18	35.0	630
1985	20	17	40.0	680
1984	20	17	40.0	680
1983	28	23	29.0	667
1982	30	28	32.0	896

WISCONSIN ALL WHEAT



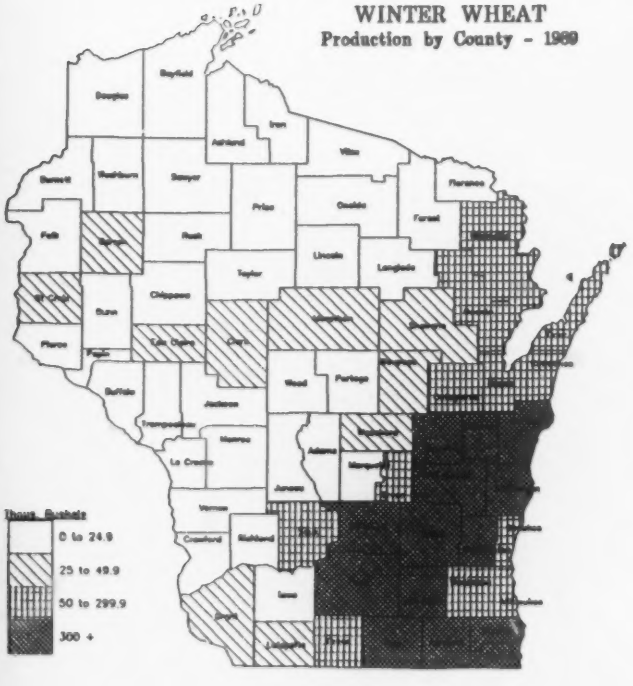
WINTER WHEAT: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Barron	900	750	54.7	41,000	30	700	650	34.5	22,400
Bayfield	300	200	46.5	9,300	45	100	100	29.0	2,900
Burnett	100	100	45.0	4,500	56 *	100	100	30.0	3,000
Chippewa	250	150	45.3	6,800	49 *	150	150	34.0	5,100
Douglas	100	100	45.0	4,500	56 *	50	50	34.0	1,700
Polk	500	500	49.8	24,900	37	650	400	35.8	14,300
Rusk	200	100	46.0	4,600	54 *	50	50	34.0	1,700
Sawyer	50	50	46.0	2,300	64	-	-	-	-
Washburn	300	250	40.4	10,100	43	100	100	29.0	2,900
N. W. District	**2,700**	**2,200**	**49.1**	**108,000**		**1,900**	**1,600**	**33.8**	**54,000**
Ashland	150	100	43.0	4,300	58	100	100	30.0	3,000
Clark	850	700	39.6	27,700	35	300	300	36.0	10,800
Iron	100	50	40.0	2,000	66 *	-	-	-	-
Lincoln	100	50	40.0	2,000	66 *	100	100	36.0	3,600
Marathon	1,000	900	46.7	42,000	28	600	500	34.8	17,400
Oneida	100	50	40.0	2,000	66 *	-	-	-	-
Price	100	50	40.0	2,000	66 *	-	-	-	-
Taylor	50	50	40.0	2,000	66 *	100	100	36.0	3,600
Vilas	50	50	40.0	2,000	66 *	100	100	36.0	3,600
N. C. District	**2,500**	**2,000**	**43.0**	**86,000**		**1,300**	**1,200**	**35.0**	**42,000**
Florence	200	150	45.3	6,800	49 *	-	-	-	-
Forest	100	50	44.0	2,200	65	150	100	36.0	3,600
Langlade	350	300	46.0	13,800	42	250	200	33.5	6,700
Marinette	1,300	1,200	51.4	61,700	24	1,150	1,100	34.6	38,100
Oconto	1,800	1,500	47.3	71,000	23	900	850	38.8	33,000
Shawano	750	600	47.5	28,500	34	650	550	37.5	20,600
N. E. District	**4,500**	**3,800**	**48.4**	**184,000**		**3,100**	**2,800**	**36.4**	**102,000**
Buffalo	200	150	48.7	7,300	48	100	100	36.0	3,600
Dunn	100	100	46.0	4,600	54 *	200	150	36.0	5,400
Eau Claire	1,200	1,100	37.7	41,500	29	1,350	1,300	35.9	46,700
Jackson	100	100	40.0	4,000	59 *	100	100	41.0	4,100
La Crosse	100	100	40.0	4,000	59 *	100	100	37.0	3,700
Monroe	100	100	40.0	4,000	59 *	150	100	37.0	3,700
Pepin	100	100	40.0	4,000	59 *	150	100	37.0	3,700
Pierce	550	450	46.4	20,900	39	650	600	34.2	20,500
St. Croix	1,000	900	45.2	40,700	31	900	900	38.9	35,000
Trempealeau	150	100	40.0	4,000	59 *	200	150	37.3	5,600
W. C. District	**3,600**	**3,200**	**42.2**	**135,000**		**3,900**	**3,600**	**36.7**	**132,000**
Adams	500	200	48.0	9,600	44	200	150	38.0	5,700
Green Lake	3,800	3,500	51.4	180,000	19	2,850	2,600	48.5	126,000
Juneau	300	200	45.5	9,100	46	200	150	41.3	6,200
Marquette	300	200	37.5	7,500	47	200	150	42.7	6,400
Portage	500	350	40.3	14,100	41	300	250	23.2	5,800
Waupaca	3,500	1,000	48.1	48,100	27	800	700	43.4	30,400
Waushara	900	600	41.7	25,000	36	500	400	38.3	15,300
Wood	200	150	44.0	6,600	51	150	100	42.0	4,200
C. District	**10,000**	**6,200**	**48.4**	**300,000**		**5,200**	**4,500**	**44.4**	**200,000**
Brown	4,500	4,000	52.5	210,000	18	2,700	2,600	36.5	95,000
Calumet	6,800	5,900	54.2	320,000	14	5,100	4,300	37.0	159,000
Door	3,400	3,000	46.0	138,000	21	2,800	2,600	33.6	87,400
Fond du Lac	15,000	13,100	50.0	655,000	1	9,900	9,000	42.9	386,000
Kewaunee	3,100	2,700	56.7	153,000	20	2,000	1,900	40.8	77,600
Manitowoc	9,600	8,500	57.6	490,000	6	6,000	5,600	39.1	219,000
Outagamie	6,300	5,500	48.2	265,000	16	3,900	3,600	40.8	147,000
Sheboygan	11,400	10,000	52.8	528,000	4	8,300	7,700	37.4	288,000
Winnebago	9,900	8,300	45.9	381,000	11	7,300	6,700	37.5	251,000
E. C. District	**70,000**	**61,000**	**51.5**	**3,140,000**		**48,000**	**44,000**	**38.9**	**1,710,000**

WINTER WHEAT: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89, Continued

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Crawford	100	100	52.0	5,200	53	100	100	40.0	4,000
Grant	800	600	60.8	36,500	32	500	450	48.4	21,800
Iowa	500	400	55.3	22,100	38	400	350	38.6	13,500
Lafayette	700	500	60.0	30,000	33	400	400	42.5	17,000
Richland	400	300	63.7	19,100	40	200	200	33.5	6,700
Sauk	1,100	1,000	56.8	56,800	26	900	700	39.4	27,600
Vernon	100	100	53.0	5,300	52	100	100	44.0	4,400
S. W. District	**3,700**	**3,000**	**58.3**	**175,000**		**2,600**	**2,300**	**41.3**	**95,000**
Columbia	9,900	8,500	54.1	460,000	8	7,000	6,200	45.8	284,000
Dane	11,600	9,800	58.2	570,000	3	7,500	7,000	47.0	329,000
Dodge	13,600	11,800	51.7	610,000	2	9,300	8,600	44.3	381,000
Green	2,500	2,000	56.0	112,000	22	1,600	1,400	38.6	54,000
Jefferson	11,200	9,600	50.0	480,000	7	8,500	6,800	40.4	275,000
Rock	7,200	6,300	52.4	330,000	13	7,100	5,000	42.4	212,000
S. C. District	**56,000**	**48,000**	**53.4**	**2,562,000**		**41,000**	**35,000**	**43.9**	**1,535,000**
Kenosha	7,800	6,700	66.6	446,000	9	5,200	5,000	35.4	177,000
Milwaukee	1,100	1,000	59.0	59,000	25	800	700	44.3	31,000
Ozaukee	5,800	5,000	57.0	285,000	15	4,100	3,600	36.4	131,000
Racine	9,700	8,500	58.8	500,000	5	6,800	6,400	39.7	254,000
Walworth	9,400	8,200	53.0	435,000	10	6,800	5,500	40.2	221,000
Washington	8,000	6,900	53.6	370,000	12	5,700	5,400	37.4	202,000
Waukesha	5,200	4,300	52.3	225,000	17	3,600	3,400	33.5	114,000
S. E. District	**47,000**	**40,600**	**57.1**	**2,320,000**		**33,000**	**30,000**	**37.7**	**1,130,000**
State	**200,000**	**170,000**	**53.0**	**9,010,000**		**140,000**	**125,000**	**40.0**	**5,000,000**

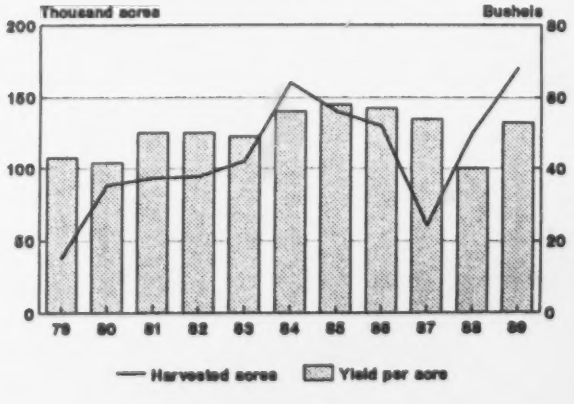
*Tied.



WINTER WHEAT: Acreage, Yield, and Production Wisconsin, 1982-89

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1989	**200**	**170**	**53.0**	**9,010**
1988	140	125	40.0	5,000
1987	85	60	54.0	3,240
1986	140	130	57.0	7,410
1985	150	140	58.0	8,120
1984	170	160	56.0	8,960
1983	120	105	49.0	5,145
1982	100	94	50.0	4,700

WISCONSIN WINTER WHEAT



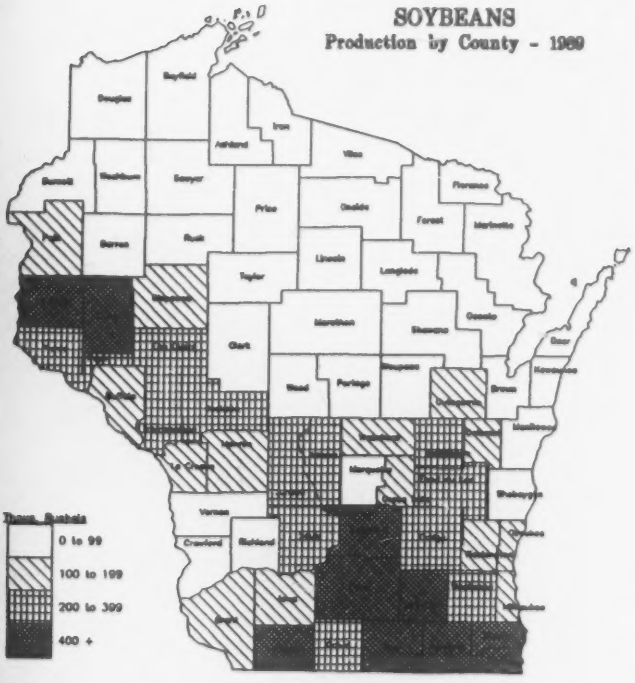
SOYBEANS: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89

County	1989					1988			
	Acres		Yield per acre	Production		Acres		Yield per acre	Production
	Planted	Harvested		Quantity	Rank	Planted	Harvested		
	Acres		Bushels			Acres		Bushels	
Barron	2,050	1,900	30.4	57,800	44	1,700	1,450	17.9	25,900
Bayfield	50	50	22.0	1,100	61 *	-	-	-	-
Burnett	2,000	1,900	24.2	46,000	47	2,050	1,850	16.8	31,100
Chippewa	7,250	7,200	27.5	198,000	24	8,000	6,300	15.3	96,400
Douglas	-	-	-	-	-	-	-	-	-
Polk	4,950	4,800	27.9	134,000	31	4,800	4,000	17.2	68,900
Rusk	50	50	22.0	1,100	61 *	50	50	12.0	600
Sawyer	200	200	20.0	4,000	57 *	200	150	14.0	2,100
Washburn	250	200	20.0	4,000	57 *	200	200	15.0	3,000
N. W. District	**16,800**	**16,300**	**27.4**	**446,000**		**17,000**	**14,000**	**16.3**	**228,000**
Ashland	-	-	-	-	-	-	-	-	-
Clark	1,200	1,000	26.2	26,200	51	1,100	750	17.5	13,100
Iron	-	-	-	-	-	-	-	-	-
Lincoln	50	50	20.0	1,000	63	150	150	14.0	2,100
Marathon	1,150	950	24.0	22,800	53	1,100	750	20.1	15,100
Oneida	-	-	-	-	-	-	-	-	-
Price	-	-	-	-	-	-	-	-	-
Taylor	100	100	20.0	2,000	60	50	50	14.0	700
Vilas	-	-	-	-	-	-	-	-	-
N. C. District	**2,500**	**2,100**	**24.8**	**52,000**		**2,400**	**1,700**	**18.2**	**31,000**
Florence	-	-	-	-	-	-	-	-	-
Forest	-	-	-	-	-	-	-	-	-
Langlade	850	800	44.6	35,700	48	1,150	1,100	33.5	36,900
Marinette	150	100	28.0	2,800	59	150	150	25.3	3,800
Oconto	400	250	27.6	6,900	55	400	350	22.3	7,800
Shawano	1,000	850	31.3	26,600	50	1,300	1,200	25.4	30,500
N. E. District	**2,400**	**2,000**	**36.0**	**72,000**		**3,000**	**2,800**	**28.2**	**79,000**
Buffalo	5,900	5,800	31.9	185,000	25 *	6,300	5,600	19.8	111,000
Dunn	15,000	14,800	32.1	475,000	9	15,000	13,800	18.8	260,000
Eau Claire	7,700	7,600	31.6	240,000	21	7,500	7,100	23.0	163,000
Jackson	6,500	6,400	33.1	212,000	22	6,100	5,500	18.9	104,000
La Crosse	5,100	5,000	37.0	185,000	25 *	5,300	5,000	21.8	109,000
Monroe	3,100	3,000	37.3	112,000	36	3,100	2,900	21.0	61,000
Pepin	6,700	6,600	31.4	207,000	23	6,300	5,800	18.4	107,000
Pierce	8,900	8,800	35.8	315,000	18	9,800	9,300	20.5	191,000
St. Croix	14,600	14,400	33.5	483,000	8	13,600	12,800	18.5	237,000
Trempealeau	11,900	11,600	33.3	386,000	12	14,000	13,200	22.7	299,000
W. C. District	**85,400**	**84,000**	**33.3**	**2,800,000**		**87,000**	**81,000**	**20.3**	**1,642,000**
Adams	9,600	9,400	34.5	324,000	17	9,500	8,700	23.7	206,000
Green Lake	3,800	3,600	34.7	125,000	32	3,500	3,200	24.7	79,000
Juneau	6,900	6,800	36.5	248,000	20	5,800	5,300	22.6	120,000
Marquette	1,900	1,800	41.2	74,200	39	1,800	1,700	21.8	37,000
Portage	1,700	1,600	32.6	52,100	45	1,500	1,400	21.4	30,000
Waupaca	2,200	2,000	39.5	79,000	38	2,600	2,500	21.6	54,000
Waushara	4,900	4,700	35.1	165,000	28	6,100	5,700	26.5	151,000
Wood	2,100	2,000	31.4	62,700	42	2,200	1,500	21.3	32,000
C. District	**33,100**	**31,900**	**35.4**	**1,130,000**		**33,000**	**30,000**	**23.6**	**709,000**
Brown	1,100	1,100	28.2	31,000	49	1,100	900	21.8	19,600
Calumet	4,100	3,900	30.5	119,000	33	3,900	3,300	22.1	73,000
Door	280	200	27.0	5,400	56	500	400	22.0	8,800
Fond du Lac	10,900	10,600	34.8	369,000	15	10,900	9,700	24.9	242,000
Kewaunee	350	300	30.0	9,000	54	300	300	22.7	6,800
Manitowoc	2,300	2,200	29.8	65,600	40	2,200	1,500	23.2	34,800
Outagamie	4,370	4,200	33.8	142,000	29	4,400	3,500	28.0	98,000
Sheboygan	1,850	1,800	33.3	60,000	43	1,800	1,400	27.9	39,000
Winnebago	11,550	11,300	33.5	379,000	14	10,900	10,000	21.9	219,000
E. C. District	**36,800**	**35,600**	**33.1**	**1,180,000**		**36,000**	**31,000**	**23.9**	**741,000**

SOYBEANS: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89, Continued

County	1989					1988			
	Acres		Yield per acre	Production		Acres		Yield per acre	Production
	Planted	Harvested		Quantity	Rank	Planted	Harvested		
	Acres		Bushels			Acres		Bushels	
Crawford	1,550	1,500	42.1	63,100	41	1,400	1,300	15.4	20,000
Grant	4,300	4,200	42.1	177,000	27	4,100	3,100	24.5	76,000
Iowa	2,900	2,800	40.5	113,500	35	3,100	3,000	20.5	61,500
Lafayette	9,650	9,300	43.5	405,000	10	9,300	7,500	22.0	165,000
Richland	1,450	1,400	35.5	49,700	46	1,200	1,100	22.7	25,000
Sauk	8,400	8,200	42.3	347,000	16	7,900	7,500	25.2	189,000
Vernon	650	600	41.2	24,700	52	600	500	23.0	11,500
S. W. District	**28,900**	**28,000**	**42.1**	**1,180,000**		**27,600**	**24,000**	**22.8**	**548,000**
Columbia	15,300	14,900	39.3	586,000	7	14,700	13,900	27.1	377,000
Dane	20,400	19,600	41.8	820,000	4	18,600	17,100	25.7	440,000
Dodge	10,200	9,800	39.5	387,000	11	8,700	8,200	25.0	205,000
Green	10,700	10,300	36.9	380,000	13	10,000	7,300	21.4	156,000
Jefferson	16,900	16,400	40.1	657,000	6	17,700	16,500	21.8	360,000
Rock	45,500	45,000	41.1	1,850,000	1	49,300	46,000	24.9	1,146,000
S. C. District	**119,000**	**116,000**	**40.3**	**4,680,000**		**119,000**	**109,000**	**24.6**	**2,684,000**
Kenosha	17,400	17,300	39.0	675,000	5	20,900	19,000	22.7	431,000
Milwaukee	3,700	3,600	37.8	136,000	30	4,000	3,700	17.6	65,000
Ozaukee	3,000	2,900	39.7	115,000	34	3,000	2,800	20.4	57,000
Racine	29,800	29,500	37.3	1,100,000	3	31,500	30,000	26.3	790,000
Walworth	29,900	29,700	40.4	1,200,000	2	31,900	29,400	24.6	724,000
Washington	3,200	3,100	34.2	106,000	37	3,700	3,100	22.6	70,000
Waukesha	8,100	8,000	37.3	298,000	19	10,000	8,500	20.1	171,000
S. E. District	**95,100**	**94,100**	**38.6**	**3,630,000**		**105,000**	**96,500**	**23.9**	**2,308,000**
State	**420,000**	**410,000**	**37.0**	**15,170,000**		**430,000**	**390,000**	**23.0**	**8,970,000**

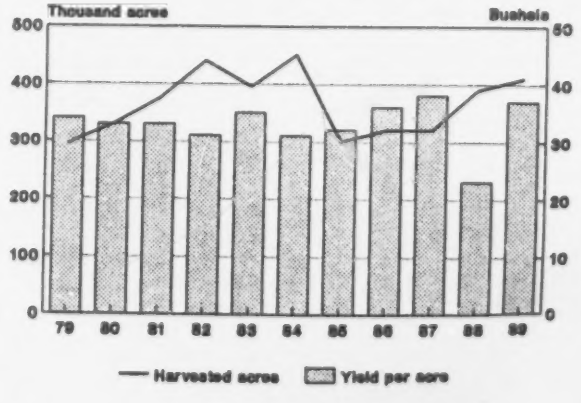
*Tied.



SOYBEANS FOR BEANS
Acreage, Yield, and Production, Wisconsin, 1982-89

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1989	**420**	**410**	**37.0**	**15,170**
1988	430	390	23.0	8,970
1987	330	320	38.0	12,160
1986	330	320	36.0	11,520
1985	350	300	32.0	9,600
1984	480	450	31.0	13,950
1983	400	395	35.0	13,825
1982	460	440	31.0	13,640

WISCONSIN SOYBEANS



ALL HAY: Acreage, Yield, and Production (Dry Equivalent), By Counties, Wisconsin, 1988-89 1/ 2/

County	1989				1988 3/		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Tons			Acres	Tons	
Barron	121,100	3.3	396,800	6 *	99,600	1.8	177,200
Bayfield	45,100	2.6	116,300	47	30,100	1.2	35,700
Burnett	27,700	2.3	64,700	59	27,300	1.3	36,600
Chippewa	125,500	3.2	396,800	6 *	103,300	1.8	181,100
Douglas	29,000	2.1	60,700	60	27,500	1.2	32,000
Polk	92,700	2.9	267,500	25	83,500	1.5	128,400
Rusk	57,700	3.0	170,800	40	47,100	1.4	66,300
Sawyer	12,200	2.3	28,000	65	11,300	1.0	11,300
Washburn	28,100	2.4	68,400	58	22,700	1.3	28,500
N. W. District	**539,100**	**2.9**	**1,570,000**		**452,400**	**1.5**	**697,100**
Ashland	23,500	2.4	56,200	61	19,800	1.2	24,000
Clark	146,500	3.3	484,700	2	123,000	1.8	223,100
Iron	3,300	2.4	7,900	69	3,200	1.0	3,200
Lincoln	35,100	2.8	99,200	50	33,600	1.7	56,400
Marathon	202,400	3.3	674,700	1	156,100	1.9	301,100
Oneida	4,700	2.7	12,600	68	3,600	0.8	2,700
Price	38,200	3.0	114,500	48	31,000	1.5	47,800
Taylor	81,100	3.0	244,200	27	64,600	1.8	113,100
Vilas	800	2.5	2,000	71	700	0.9	600
N. C. District	**535,600**	**3.2**	**1,696,000**		**435,600**	**1.8**	**772,000**
Florence	4,900	3.3	16,400	66	4,200	1.8	7,500
Forest	8,200	2.0	16,100	67	7,500	1.2	8,700
Langlade	34,500	2.8	98,100	51	29,400	2.0	57,400
Marinette	52,100	2.9	149,300	43	38,300	2.5	97,200
Oconto	71,100	3.0	214,200	32	58,600	2.6	153,700
Shawano	106,900	3.1	332,900	14	87,800	2.8	244,600
N. E. District	**277,700**	**3.0**	**827,000**		**225,800**	**2.5**	**569,100**
Buffalo	85,400	3.6	310,800	20	69,600	2.4	168,600
Dunn	94,300	3.7	353,600	12	81,300	2.3	183,400
Eau Claire	56,000	3.3	185,000	34	50,100	1.8	90,500
Jackson	54,800	3.5	189,400	33	50,800	2.1	107,100
La Crosse	42,700	3.3	142,800	44	41,300	2.6	106,000
Monroe	89,000	3.6	323,800	16	83,300	2.2	182,300
Pepin	27,800	3.7	103,300	49	23,400	2.5	57,600
Pierce	61,000	3.8	231,800	30	58,000	2.6	149,300
St. Croix	88,900	3.6	319,200	18	73,500	2.2	159,700
Trempealeau	101,400	3.4	342,300	13	88,500	2.1	187,500
W. C. District	**701,300**	**3.6**	**2,502,000**		**619,800**	**2.2**	**1,392,000**
Adams	20,500	2.6	54,200	62	18,300	1.6	29,200
Green Lake	27,900	3.4	94,900	53	26,400	2.4	63,500
Juneau	39,600	3.2	127,800	46	33,700	2.2	74,300
Marquette	28,300	3.0	86,100	55	23,900	2.6	61,000
Portage	47,600	2.9	139,000	45	47,300	2.0	95,600
Waupaca	80,800	3.3	270,500	22	65,000	2.9	190,300
Waushara	25,400	3.1	77,600	57	27,500	2.1	57,300
Wood	71,000	3.3	231,900	29	56,900	2.2	125,700
C. District	**341,100**	**3.2**	**1,082,000**		**299,000**	**2.3**	**696,900**
Brown	89,500	3.7	327,500	15	69,400	2.3	157,000
Calumet	68,200	3.7	252,700	26	50,000	2.2	110,800
Door	50,600	3.2	159,700	41	44,200	1.7	75,700
Fond du Lac	95,300	3.7	355,300	11	79,100	2.8	220,900
Kewaunee	71,300	3.8	268,100	23 *	58,800	2.2	131,200
Manitowoc	109,400	3.6	397,400	5	76,800	2.4	180,900
Outagamie	85,800	3.7	320,400	17	69,700	2.6	183,300
Sheboygan	63,400	3.7	233,500	28	55,500	2.7	147,100
Winnebago	46,600	3.7	173,400	39	43,900	2.6	115,600
E. C. District	**680,100**	**3.7**	**2,488,000**		**547,400**	**2.4**	**1,322,500**

ALL HAY: Acreage, Yield, and Production (Dry Equivalent), By Counties, Wisconsin, 1988-89 1/ 2/, Continued

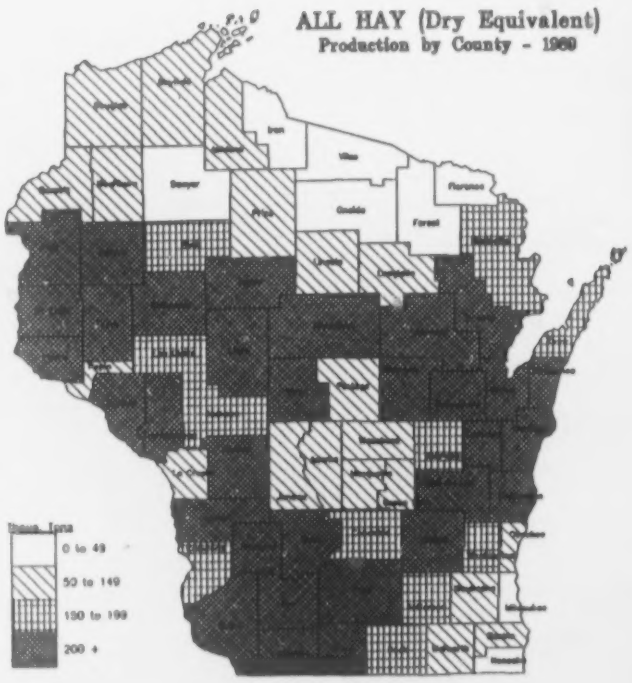
County	1989				1988 3/		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Tons			Acres	Tons	
Crawford	62,000	3.0	183,500	37	60,000	2.2	129,1[illegible]
Grant	147,000	3.1	461,300	3	130,900	2.4	308,600
Iowa	99,000	3.0	293,400	21	90,500	2.1	185,900
Lafayette	85,500	3.1	268,100	23*	77,900	2.5	196,900
Richland	72,800	3.1	223,300	31	73,700	2.3	167,000
Sauk	94,300	3.4	316,200	19	83,200	2.7	227,500
Vernon	124,700	3.1	391,200	9	110,700	2.3	251,000
S. W. District	**685,300**	**3.1**	**2,137,000**		**626,900**	**2.3**	**1,466,000**
Columbia	52,000	3.5	183,800	36	47,400	2.6	121,100
Dane	120,800	3.6	430,400	4	109,100	2.4	264,000
Dodge	106,700	3.6	387,900	10	89,400	2.7	242,400
Green	119,600	3.3	395,900	8	98,300	2.1	203,100
Jefferson	52,700	3.5	184,300	35	52,100	2.6	133,900
Rock	45,700	3.4	155,700	42	42,200	2.4	102,700
S. C. District	**497,500**	**3.5**	**1,738,000**		**438,500**	**2.4**	**1,067,200**
Kenosha	12,100	3.8	46,420	64	9,900	2.4	24,100
Milwaukee	1,300	3.7	4,840	70	1,400	1.5	2,100
Ozaukee	21,500	4.0	84,960	56	18,200	2.2	39,600
Racine	13,400	3.8	51,260	63	13,700	2.4	33,400
Walworth	24,800	3.9	95,840	52	25,000	2.5	63,100
Washington	43,800	4.0	176,180	38	42,300	2.3	99,200
Waukesha	25,400	3.6	90,500	54	24,100	1.9	46,700
S. E. District	**142,300**	**3.9**	**550,000**		**134,600**	**2.3**	**308,200**
State	**4,400,000**	**3.3**	**14,590,000**		**3,780,000**	**2.2**	**8,291,000**

1/All hay production includes all forms of harvested hay on a dry equivalent basis. Several assumptions are made to convert haylage and green chop to a dry equivalent. Haylage production estimates were set at the reported haylage weight at harvest and then converted to dry equivalent production. Factors used were: one ton of dry, baled hay = .87 ton dry matter; one ton of haylage = .50 ton dry matter; one ton of green chop = .25 ton dry matter; green chop = 25% of haylage production; other haylage = 75% of haylage production; all hay production is at a dry equivalent of 13% moisture. The haylage production (dry equivalent tons) is added to alfalfa and other hay production to establish the all hay production. The all hay yield (dry equivalent) per acre was derived from all hay production. 2/Acreage figures for 1989 and 1988 are not comparable. Beginning with 1989, acreage estimates include an allowance for acres cut only for haylage or green chop. 3/Revised. *Tied.

ALL HAY
Acreage, Yield and Production (Dry Equivalent)
Wisconsin, 1982-89

Year	Acres harvested	Yield per acre	Production
	1,000	Tons	1,000 tons
1989 1/	**4,400**	**3.3**	**14,590**
1988*	3,780	2.2	8,291
1987*	3,450	4.4	15,265
1986*	3,750	4.9	18,402
1985*	3,650	4.7	17,184
1984	3,700	4.7	17,374
1983	3,800	4.6	17,563
1982	3,650	4.6	16,910

*Revised. 1/Beginning with 1989, acreage estimates include an allowance for acres cut only for haylage or green chop.



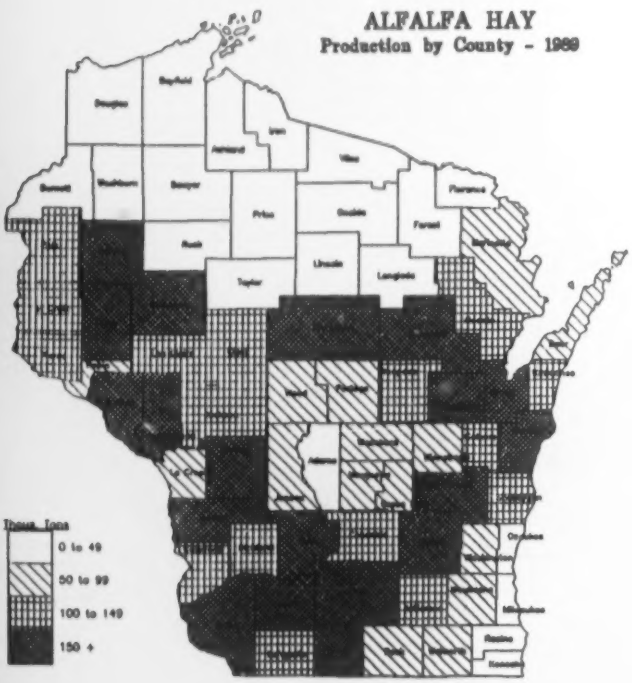
ALFALFA HAY: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89 1/

County	1989				1988		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Tons			Acres	Tons	
Barron	78,000	2.2	173,000	12	81,800	0.9	76,800
Bayfield	13,200	2.6	33,800	58	13,300	0.8	10,200
Burnett	21,000	1.9	39,800	55	20,800	1.0	20,500
Chippewa	82,000	2.2	181,000	9*	75,100	1.1	79,500
Douglas	10,100	1.9	19,000	63	10,000	1.2	12,100
Polk	70,600	2.1	148,000	20*	69,700	0.9	61,000
Rusk	21,600	2.1	45,500	52	17,600	0.9	15,300
Sawyer	5,300	1.9	10,200	65	5,000	1.0	4,800
Washburn	15,200	2.0	29,700	59	14,700	0.9	13,800
N. W. District	**317,000**	**2.1**	**680,000**		**308,000**	**1.0**	**294,000**
Ashland	8,100	1.8	14,500	64	7,000	0.9	6,100
Clark	58,800	2.1	122,000	29	55,400	1.0	53,600
Iron	1,100	1.8	2,000	70	1,100	0.7	800
Lincoln	21,600	1.9	40,100	54	21,000	1.1	24,000
Marathon	96,000	2.1	204,000	6	95,900	1.0	100,200
Oneida	1,800	2.3	4,100	68	1,800	0.8	1,500
Price	11,800	2.1	24,600	62	10,500	0.9	9,000
Taylor	23,200	2.1	47,600	51	23,800	0.9	21,400
Vilas	600	1.8	1,100	71	500	0.8	400
N. C. District	**223,000**	**2.1**	**460,000**		**217,000**	**1.0**	**217,000**
Florence	3,300	2.4	7,900	67	3,000	1.0	3,100
Forest	5,200	1.8	9,300	66	4,900	1.1	5,400
Langlade	17,300	2.1	36,500	57	18,100	1.3	22,900
Marinette	37,500	1.9	70,300	44	31,700	1.3	40,900
Oconto	51,700	2.1	109,000	33	49,500	1.4	70,800
Shawano	80,000	2.0	162,000	15	78,800	1.3	105,900
N. E. District	**195,000**	**2.0**	**395,000**		**186,000**	**1.3**	**249,000**
Buffalo	63,700	2.5	157,000	17*	63,800	1.4	88,700
Dunn	71,700	2.4	170,000	13	72,700	1.2	88,600
Eau Claire	43,000	2.3	101,000	34*	44,700	1.3	60,200
Jackson	43,200	2.3	101,000	34*	45,700	1.3	61,300
La Crosse	37,200	2.3	85,000	40	36,500	1.8	64,800
Monroe	76,000	2.4	181,000	9*	75,900	1.3	102,400
Pepin	21,900	2.4	52,000	49	21,200	1.4	30,400
Pierce	51,200	2.6	132,000	24	52,400	1.6	84,900
St. Croix	61,100	2.4	148,000	20*	61,200	1.3	78,700
Trempealeau	80,000	2.3	183,000	8	79,900	1.5	120,000
W. C. District	**549,000**	**2.4**	**1,310,000**		**554,000**	**1.4**	**780,000**
Adams	16,800	2.3	38,500	56	15,500	1.3	20,900
Green Lake	23,400	2.7	63,000	45	23,200	1.7	39,800
Juneau	30,500	2.4	72,000	43	29,100	1.4	41,800
Marquette	23,600	2.3	54,100	48	21,300	1.8	37,300
Portage	32,900	2.3	74,300	41	36,000	1.5	54,500
Waupaca	53,900	2.4	129,000	25	56,400	1.7	95,300
Waushara	20,000	2.5	50,600	50	22,300	1.8	39,100
Wood	30,900	2.4	73,500	42	26,200	1.5	40,300
C. District	**232,000**	**2.4**	**555,000**		**230,000**	**1.6**	**369,000**
Brown	59,300	2.6	154,000	19	63,400	1.2	79,100
Calumet	43,600	2.7	118,000	30	44,200	1.2	54,500
Door	40,600	2.4	99,000	36*	40,100	1.1	45,400
Fond du Lac	71,600	2.6	185,000	7	71,800	1.7	119,400
Kewaunee	50,300	2.4	123,000	27*	52,500	1.1	58,000
Manitowoc	69,100	2.5	176,000	11	69,500	1.2	86,500
Outagamie	63,100	2.5	157,000	17*	63,200	1.5	94,300
Sheboygan	49,400	2.7	133,000	23	50,800	1.6	83,100
Winnebago	37,000	2.4	90,000	39	39,500	1.5	58,700
E. C. District	**484,000**	**2.6**	**1,235,000**		**495,000**	**1.4**	**679,000**

ALFALFA HAY: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89 1/, Continued

County	1989				1988		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Tons			Acres	Tons	
Crawford	55,500	2.1	116,000	31	56,400	1.5	85,400
Grant	127,000	2.1	266,000	1	124,500	1.5	192,800
Iowa	85,000	2.0	168,000	14	86,100	1.3	116,200
Lafayette	73,300	2.0	145,000	22	72,900	1.5	111,600
Richland	64,600	2.0	127,000	26	67,000	1.5	98,900
Sauk	74,600	2.1	160,000	16	76,100	1.7	132,600
Vernon	105,000	2.1	223,000	3	102,000	1.7	174,500
S. W. District	**585,000**	**2.1**	**1,205,000**		**585,000**	**1.6**	**912,000**
Columbia	43,100	2.6	114,000	32	42,300	1.8	74,700
Dane	95,000	2.4	227,000	2	100,000	1.6	160,500
Dodge	81,000	2.5	205,000	5	82,400	1.9	155,200
Green	94,000	2.2	207,000	4	92,000	1.2	113,200
Jefferson	46,900	2.6	123,000	27*	46,900	1.8	84,000
Rock	40,000	2.5	99,000	36*	39,400	1.9	73,400
S. C. District	**400,000**	**2.4**	**975,000**		**403,000**	**1.6**	**661,000**
Kenosha	9,500	2.7	25,700	61	9,200	1.6	14,600
Milwaukee	900	3.2	2,900	69	1,000	1.4	1,400
Ozaukee	16,400	2.7	44,600	53	16,700	1.3	21,000
Racine	10,500	2.8	29,100	60	12,300	1.7	21,500
Walworth	20,500	2.8	57,500	47	22,400	1.7	39,100
Washington	35,600	2.7	97,000	38	38,300	1.4	53,600
Waukesha	21,600	2.7	58,200	46	22,100	1.3	27,800
S. E. District	**115,000**	**2.7**	**315,000**		**122,000**	**1.5**	**179,000**
State	**3,100,000**	**2.3**	**7,130,000**		**3,100,000**	**1.4**	**4,340,000**

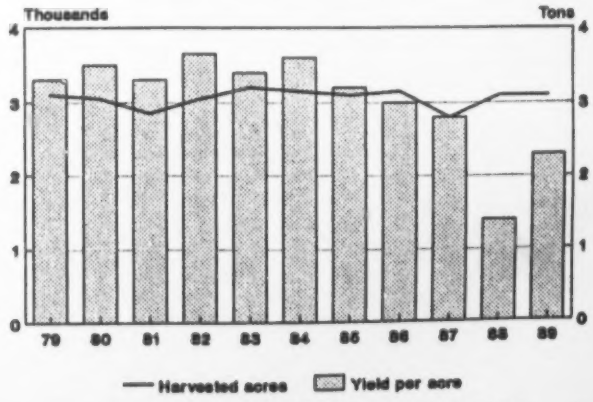
*Tied. 1/Yield figures for this table include only alfalfa and alfalfa mixtures that were harvested as dry hay. Alfalfa harvested as green chop or silage is not included. For an estimate of per acre yields of forage in all forms (wet and dry), see the table for all hay.



ALFALFA HAY: Acreage, Yield and Production Wisconsin, 1982-89

Year	Acres harvested	Yield per acre	Production
	1,000	Tons	1,000 tons
1989	**3,100**	**2.30**	**7,130**
1988	3,100	1.40	4,340
1987	2,800	2.80	7,840
1986	3,150	3.00	9,450
1985	3,100	3.20	9,920
1984	3,150	3.60	11,340
1983	3,200	3.40	10,880
1982	3,050	3.65	11,133

WISCONSIN ALFAFLA HAY



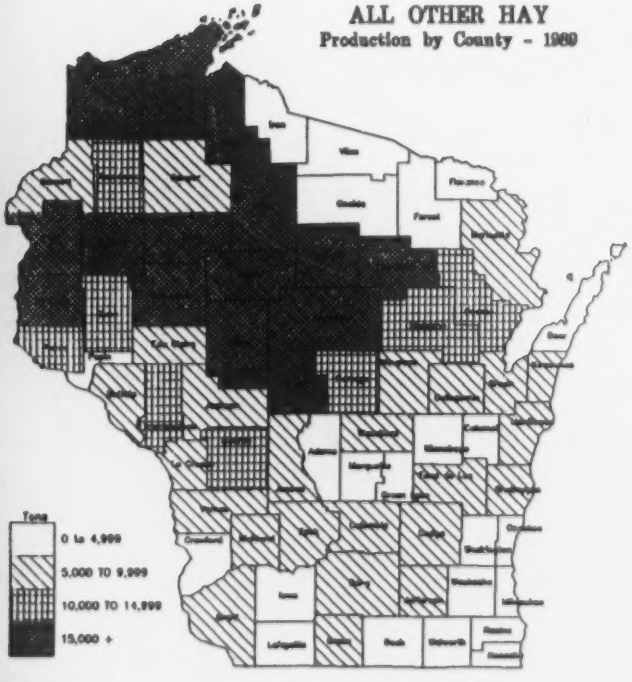
ALL OTHER HAY: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89 1/

County	1989				1988 2/		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Tons			Acres	Tons	
Barron	13,600	1.8	24,500	10	17,800	0.7	13,100
Bayfield	18,800	1.5	28,900	8	16,800	0.6	9,700
Burnett	5,600	1.8	9,800	24 *	6,500	0.8	4,900
Chippewa	20,900	1.9	39,100	6	28,200	0.9	26,400
Douglas	14,400	1.6	23,400	11	17,500	0.7	11,400
Polk	13,600	1.9	25,300	9	13,800	0.7	9,900
Rusk	24,300	1.8	43,000	5	29,500	0.6	18,300
Sawyer	5,900	1.5	8,900	28	6,300	0.5	3,200
Washburn	6,900	1.8	12,100	20	8,000	0.7	5,500
N. W. District	**124,000**	**1.7**	**215,000**		**144,400**	**0.7**	**102,400**
Ashland	11,300	1.7	19,000	14	12,800	0.7	8,600
Clark	53,300	1.9	100,000	1	67,600	0.8	53,500
Iron	2,100	1.6	3,400	61 *	2,100	0.6	1,300
Lincoln	11,200	1.8	19,800	13	12,600	0.7	8,500
Marathon	49,700	1.9	96,500	2	60,200	0.9	51,500
Oneida	1,600	1.6	2,600	63	1,800	0.5	900
Price	20,300	1.7	34,200	7	20,500	0.7	14,400
Taylor	40,300	1.8	74,100	3	40,800	0.6	26,500
Vilas	200	2.0	400	70	200	0.5	100
N. C. District	**190,000**	**1.8**	**350,000**		**218,600**	**0.8**	**165,300**
Florence	900	1.7	1,500	66	1,200	0.8	1,000
Forest	2,300	1.6	3,600	58	2,600	0.8	2,000
Langlade	8,800	1.8	16,100	15	11,300	1.0	11,000
Marinette	5,000	2.0	9,800	24 *	6,600	1.0	6,700
Oconto	6,700	1.6	10,700	21	9,100	1.5	13,400
Shawano	6,300	2.0	12,300	18	9,000	1.3	11,900
N. E. District	**30,000**	**1.8**	**54,000**		**39,800**	**1.2**	**46,000**
Buffalo	3,800	2.2	8,300	30 *	5,800	0.9	5,300
Dunn	5,900	2.3	13,300	16	8,600	1.0	8,200
Eau Claire	3,600	2.0	7,300	34 *	5,400	1.1	5,900
Jackson	3,800	1.9	7,300	34 *	5,100	0.9	4,400
La Crosse	3,200	2.4	7,800	32	4,800	1.4	6,600
Monroe	5,100	2.0	10,100	23	7,400	1.1	7,800
Pepin	1,400	2.7	3,800	56	2,200	1.0	2,300
Pierce	3,800	2.8	10,500	22	5,600	1.3	7,100
St. Croix	9,900	2.2	21,400	12	12,300	1.0	11,900
Trempealeau	5,500	2.2	12,200	19	8,600	1.0	8,500
W. C. District	**46,000**	**2.2**	**102,000**		**65,800**	**1.0**	**68,000**
Adams	1,800	2.5	4,500	50 *	2,800	1.1	3,200
Green Lake	1,900	1.9	3,700	57	3,200	1.2	3,900
Juneau	3,000	1.9	5,700	43	4,600	0.8	3,700
Marquette	1,700	2.1	3,500	59 *	2,600	0.8	2,100
Portage	7,100	1.8	12,800	17	11,300	0.8	9,200
Waupaca	5,100	1.9	9,700	26	8,600	1.1	9,100
Waushara	3,300	1.9	6,300	38	5,200	1.0	5,100
Wood	22,100	2.0	43,800	4	30,700	1.0	29,600
C. District	**46,000**	**2.0**	**90,000**		**69,000**	**1.0**	**65,900**
Brown	2,600	2.3	5,900	40	6,000	1.3	7,800
Calumet	2,200	2.0	4,500	50 *	5,800	0.8	4,700
Door	1,600	2.1	3,400	61 *	4,100	0.9	3,800
Fond du Lac	3,000	2.1	6,400	37	7,300	1.4	10,100
Kewaunee	2,500	2.3	5,800	41 *	6,300	1.1	6,700
Manitowoc	3,400	2.1	7,200	36	7,300	1.3	9,200
Outagamie	2,600	2.1	5,400	47 *	6,500	1.5	9,500
Sheboygan	2,000	2.7	5,400	47	4,700	1.3	6,300
Winnebago	2,100	1.9	4,000	54	4,400	1.3	5,600
E. C. District	**22,000**	**2.2**	**48,000**		**52,400**	**1.2**	**63,700**

ALL OTHER HAY: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89 1/, Continued

County	1989				1988 2/		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Tons			Acres	Tons	
Crawford	1,900	2.2	4,100	53	3,600	1.1	3,900
Grant	2,900	1.9	5,500	45*	6,400	1.1	7,200
Iowa	2,200	2.2	4,800	49	4,400	1.3	5,500
Lafayette	2,200	2.0	4,400	52	5,000	1.2	5,800
Richland	3,000	2.0	6,000	39	6,700	1.0	6,800
Sauk	3,900	1.9	7,400	33	7,100	1.2	8,300
Vernon	3,900	2.3	8,800	29	8,700	1.0	8,600
S. W. District	**20,000**	**2.1**	**41,000**		**41,900**	**1.1**	**46,100**
Columbia	2,400	2.4	5,800	41*	5,100	1.3	6,400
Dane	4,100	2.3	9,300	27	9,100	1.2	10,700
Dodge	3,000	2.8	8,300	30*	7,000	1.3	9,100
Green	2,800	2.0	5,600	44	6,300	1.0	6,100
Jefferson	2,400	2.3	5,500	45*	5,200	1.1	5,900
Rock	1,300	2.7	3,500	59*	2,800	1.4	3,800
S. C. District	**16,000**	**2.4**	**38,000**		**35,500**	**1.2**	**42,000**
Kenosha	400	1.6	620	69	700	0.9	600
Milwaukee	200	1.7	340	71	400	1.0	400
Ozaukee	700	1.9	1,360	67	1,500	1.0	1,500
Racine	600	2.1	1,260	68	1,400	0.9	1,200
Walworth	1,200	2.0	2,440	64	2,600	0.9	2,400
Washington	1,900	2.1	3,980	55	4,000	1.0	4,100
Waukesha	1,000	2.0	2,000	65	2,000	1.2	2,400
S. E. District	**6,000**	**2.0**	**12,000**		**12,600**	**1.0**	**12,600**
State	**500,000**	**1.9**	**950,000**		**680,000**	**0.9**	**612,000**

*Tied. 1\Includes yield figures for clover, timothy, grains, and all other grasses harvested as dry hay only. Other hay harvested as green chop or silage is not included. For an estimate of per acre yields of forage in all forms (wet and dry), see the table for all hay. 2/Revised.



ALL OTHER HAY: Acreage, Yield, and Production Wisconsin, 1982-89 1/

Year	Acres harvested	Yield per acre	Production
	1,000	Tons	1,000 tons
1989	**500**	**1.90**	**950**
1988*	680	.90	612
1987*	650	2.00	1,300
1986*	600	2.50	1,500
1985*	550	2.40	1,320
1984	550	2.60	1,430
1983	600	2.20	1,320
1982	600	2.70	1,620

1/Includes clover, timothy, and other types. *Revised.

HAY STOCKS: Wisconsin, 1982-90

Year	Stocks Jan. 1	Percent of production 1/	Stocks May 1	Percent of production 1/
	1,000 tons	Percent	1,000	Percent tons
1990	**5,737**	**71**	**1,454**	**18**
1989 2/*	3,813	77	891	18
1988 2/*	7,952	87	2,011	22
1987 2/*	9,636	88	1,643	15
1986*	7,306	65	1,124	10
1985	10,216	80	2,426	19
1984	8,662	71	2,196	18
1983	9,310	73	2,933	23
1982	7,615	71	2,145	20

1/Previous year's production. 2/Hay stock survey reference date was changed from Jan. 1 to Dec. 1 beginning Dec. 1, 1986. *Revised.

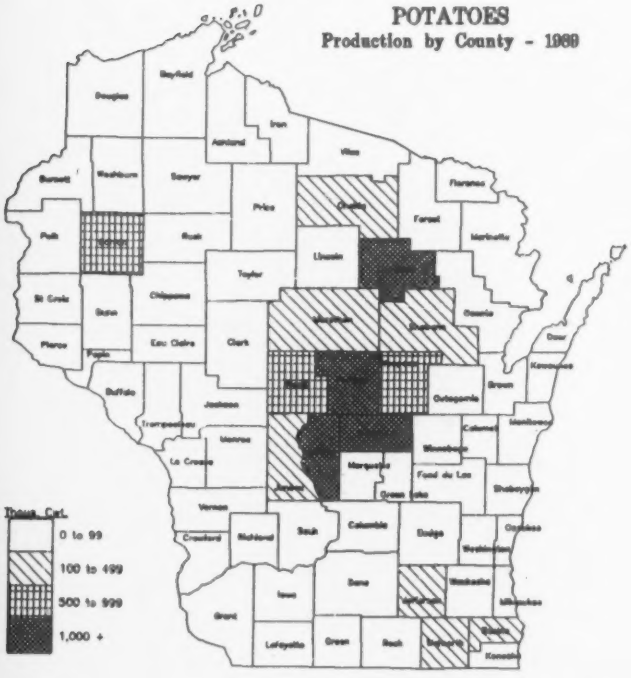
POTATOES: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Hundredweight			Acres		Hundredweight	
Barron	1,300	1,300	404	525,000	7	1,200	1,200	417	500,000
Bayfield	-	-	-	-	-	-	-	-	-
Burnett	-	-	-	-	-	-	-	-	-
Chippewa 1/	-	-	-	-	-	-	-	-	-
Douglas	-	-	-	-	-	-	-	-	-
Polk	-	-	-	-	-	-	-	-	-
Rusk	-	-	-	-	-	-	-	-	-
Sawyer 1/	-	-	-	-	-	-	-	-	-
Washburn 1/	-	-	-	-	-	-	-	-	-
N. W. District 1/	**1,600**	**1,600**	**394**	**630,000**		**1,500**	**1,500**	**400**	**600,000**
Ashland	-	-	-	-	-	-	-	-	-
Clark 1/	-	-	-	-	-	-	-	-	-
Iron 1/	-	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	-	-	-	-	-
Marathon	1,000	1,000	249	249,000	12	1,100	1,100	235	258,000
Oneida	1,550	1,500	203	305,000	10	1,650	1,600	195	312,000
Price	-	-	-	-	-	-	-	-	-
Taylor	-	-	-	-	-	-	-	-	-
Vilas 1/	-	-	-	-	-	-	-	-	-
N. C. District 1/	**3,050**	**3,000**	**220**	**660,000**		**3,250**	**3,200**	**200**	**640,000**
Florence	200	200	205	41,000	17	200	200	210	42,000
Forest 1/	-	-	-	-	-	-	-	-	-
Langlade	12,400	12,350	283	3,500,000	3	11,050	11,000	283	3,116,000
Marinette 1/	-	-	-	-	-	-	-	-	-
Oconto	300	300	327	98,000	15	350	350	234	82,000
Shawano	600	550	291	160,000	13	600	600	172	103,000
N. E. District 1/	**13,900**	**13,800**	**281**	**3,880,000**		**12,350**	**12,300**	**274**	**3,373,000**
Buffalo	-	-	-	-	-	-	-	-	-
Dunn	-	-	-	-	-	-	-	-	-
Eau Claire	-	-	-	-	-	-	-	-	-
Jackson	-	-	-	-	-	-	-	-	-
La Crosse	-	-	-	-	-	-	-	-	-
Monroe	-	-	-	-	-	-	-	-	-
Pepin	-	-	-	-	-	-	-	-	-
Pierce	-	-	-	-	-	-	-	-	-
St. Croix	-	-	-	-	-	-	-	-	-
Trempealeau	-	-	-	-	-	-	-	-	-
W. C. District 1/	-	-	-	-		-	-	-	-
Adams	7,350	7,300	399	2,910,000	4	6,000	6,000	392	2,349,000
Green Lake 1/	-	-	-	-	-	-	-	-	-
Juneau	1,000	1,000	290	290,000	11	1,550	1,500	350	525,000
Marquette 1/	-	-	-	-	-	-	-	-	-
Portage	22,550	22,300	370	8,260,000	1	21,700	21,350	319	6,803,000
Waupaca	2,500	2,500	368	920,000	5	2,100	2,100	310	650,000
Waushara	9,500	9,500	374	3,550,000	2	7,900	7,900	361	2,850,000
Wood	1,400	1,400	432	605,000	6	1,450	1,450	378	548,000
C. District 1/	**44,500**	**44,200**	**376**	**16,600,000**		**40,900**	**40,500**	**340**	**13,774,000**
Brown	-	-	-	-	-	-	-	-	-
Calumet	-	-	-	-	-	-	-	-	-
Door	-	-	-	-	-	-	-	-	-
Fond du Lac	-	-	-	-	-	-	-	-	-
Kewaunee	-	-	-	-	-	-	-	-	-
Manitowoc	-	-	-	-	-	-	-	-	-
Outagamie	-	-	-	-	-	-	-	-	-
Sheboygan	-	-	-	-	-	-	-	-	-
Winnebago	-	-	-	-	-	-	-	-	-
E. C. District 1/	-	-	-	-		-	-	-	-

POTATOES: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89, Continued

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Hundredweight			Acres		Hundredweight	
Crawford	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	-
Lafayette	-	-	-	-	-	-	-	-	-
Richland	-	-	-	-	-	-	-	-	-
Sauk	-	-	-	-	-	-	-	-	-
Vernon	-	-	-	-	-	-	-	-	-
S. W. District 1/	-	-	-	-		-	-	-	-
Columbia 1/	-	-	-	-	-	-	-	-	-
Dane	-	-	-	-	-	-	-	-	-
Dodge	75	75	247	18,500	18	70	70	286	20,000
Green	-	-	-	-	-	-	-	-	-
Jefferson	1,400	1,400	321	449,000	8	1,300	1,300	261	339,000
Rock 1/	-	-	-	-	-	-	-	-	-
S. C. District 1/	**1,550**	**1,550**	**316**	**490,000**		**1,450**	**1,450**	**262**	**380,000**
Kenosha	50	50	180	9,000	21	50	50	300	15,000
Milwaukee	-	-	-	-	-	-	-	-	-
Ozaukee	50	50	240	12,000	20	50	50	260	13,000
Racine	525	500	200	100,000	14	500	500	250	125,000
Walworth	1,225	1,200	258	310,000	9	850	850	266	226,000
Washington	50	50	360	18,000	19	50	50	220	11,000
Waukesha	300	300	233	70,000	16	600	600	383	230,000
S. E. District	**2,200**	**2,150**	**241**	**519,000**		**2,100**	**2,100**	**295**	**620,000**
State 1/	**68,500**	**68,000**	**345**	**23,460,000**		**63,000**	**62,500**	**320**	**20,000,000**

*Tied. 1/Includes data to prevent disclosure of individual operations at the county and/or district level.

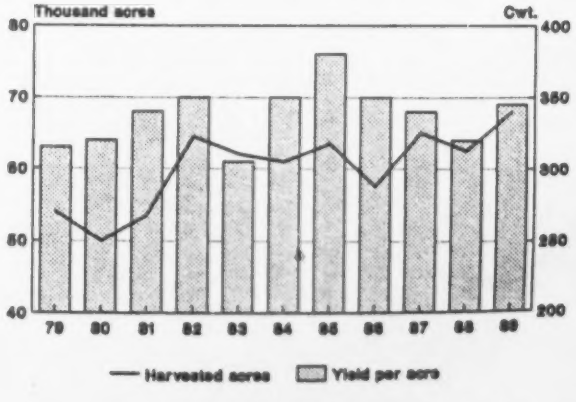


POTATOES: Acreage, Yield, and Production Wisconsin, 1982-89

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Cwt.	1,000 cwt.
1989	**68.5**	**68.0**	**345**	**23,460**
1988	63.0	62.5	320	20,000
1987*	66.0	65.0	340	22,100
1986	59.0	57.5	350	20,125
1985	65.0	63.5	380	24,130
1984	62.0	61.0	350	21,350
1983	63.0	62.0	305	18,910
1982	66.0	64.5	350	22,575

*Revised.

WISCONSIN POTATOES



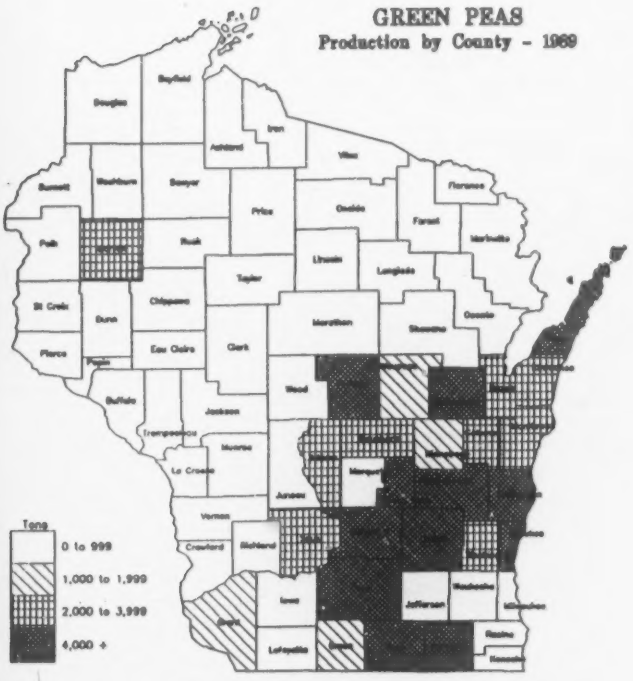
GREEN PEAS FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Barron	2,600	2,400	1.4	3,360	14	2,750	2,500	0.6	1,600
Bayfield	-	-	-	-	-	-	-	-	-
Burnett	50	-	-	-	-	-	-	-	-
Chippewa	220	200	1.2	240	40	250	200	1.0	200
Douglas	-	-	-	-	-	-	-	-	-
Polk	430	400	1.3	500	36 *	500	400	0.5	200
Rusk	-	-	-	-	-	-	-	-	-
Sawyer	-	-	-	-	-	-	-	-	-
Washburn	-	-	-	-	-	-	-	-	-
N. W. District	**3,300**	**3,000**	**1.4**	**4,100**		**3,500**	**3,100**	**0.6**	**2,000**
Ashland	-	-	-	-	-	-	-	-	-
Clark	-	-	-	-	-	-	-	-	-
Iron	-	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	-	-	-	-	-
Marathon	-	-	-	-	-	-	-	-	-
Oneida	-	-	-	-	-	-	-	-	-
Price	-	-	-	-	-	-	-	-	-
Taylor	-	-	-	-	-	-	-	-	-
Vilas	-	-	-	-	-	-	-	-	-
N. C. Dist 1/	**100**	**100**	**1.3**	**130**		**-**	**-**	**-**	**-**
Florence	-	-	-	-	-	-	-	-	-
Forest	-	-	-	-	-	-	-	-	-
Langlade	520	500	1.1	530	34 *	420	400	0.5	190
Marinette	260	250	1.1	280	39	270	250	0.4	90
Oconto	470	450	1.5	660	31	430	400	0.5	180
Shawano	650	600	1.2	730	30	580	550	0.4	240
N. E. District	**1,900**	**1,800**	**1.2**	**2,200**		**1,700**	**1,600**	**0.4**	**700**
Buffalo	-	-	-	-	-	-	-	-	-
Dunn	430	400	1.3	500	36 *	420	400	0.6	250
Eau Claire	730	700	1.3	930	26	570	550	0.8	430
Jackson	530	500	1.3	650	32	570	550	0.9	490
La Crosse	-	-	-	-	-	-	-	-	-
Monroe	-	-	-	-	-	-	-	-	-
Pepin	-	-	-	-	-	110	100	0.5	50
Pierce	-	-	-	-	-	110	100	0.5	50
St. Croix	320	300	1.3	380	38	310	300	0.6	180
Trempealeau	-	-	-	-	-	110	100	0.5	50
W. C. Dist 1/	**2,400**	**2,200**	**1.3**	**2,820**		**2,200**	**2,100**	**0.7**	**1,500**
Adams	1,550	1,500	1.7	2,500	17	1,300	1,300	1.1	1,450
Green Lake	4,900	4,800	1.4	6,900	7	4,550	4,500	0.9	4,050
Juneau	900	900	0.9	820	28	800	800	0.7	550
Marquette	-	-	-	-	-	-	-	-	-
Portage	4,850	4,800	1.5	7,000	6	4,750	4,600	0.9	4,250
Waupaca	950	900	1.2	1,120	23	700	700	0.9	600
Waushara	1,650	1,600	1.4	2,300	18 *	1,500	1,400	1.0	1,400
Wood	500	500	1.1	560	33	400	400	0.8	300
C. District	**15,300**	**15,000**	**1.4**	**21,200**		**14,000**	**13,700**	**0.9**	**12,600**
Brown	1,900	1,800	1.3	2,300	18 *	1,650	1,600	0.6	950
Calumet	2,500	2,400	1.6	3,800	13	2,900	2,500	0.5	1,200
Door	3,700	3,500	1.2	4,300	11	3,600	3,300	0.5	1,700
Fond du Lac	9,300	8,900	1.5	13,350	1	10,500	9,800	0.6	5,600
Kewaunee	1,700	1,600	1.3	2,100	20 *	1,650	1,600	0.7	1,050
Manitowoc	2,800	2,700	1.2	3,200	15	2,900	2,600	0.6	1,550
Outagamie	3,700	3,400	1.4	4,800	9	3,400	3,300	0.7	2,150
Sheboygan	4,700	4,400	1.4	6,000	8	4,500	4,400	0.6	2,550
Winnebago	1,700	1,600	1.2	1,950	22	1,600	1,500	0.6	950
E. C. District	**32,000**	**30,300**	**1.4**	**41,800**		**32,700**	**30,600**	**0.6**	**17,700**

GREEN PEAS FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89, Continued

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Crawford	-	-	-	-	-	-	-	-	-
Grant	520	500	2.1	1,070	25	550	500	0.6	320
Iowa	620	600	1.3	760	29	450	400	0.6	220
Lafayette	100	100	1.3	130	42	100	100	0.8	80
Richland	310	300	1.8	530	34 *	200	200	0.6	110
Sauk	1,750	1,700	1.8	3,110	16	1,500	1,400	0.6	870
Vernon	-	-	-	-	-	-	-	-	-
S. W. District	**3,300**	**3,200**	**1.8**	**5,600**		**2,800**	**2,600**	**0.6**	**1,600**
Columbia	5,000	4,800	1.7	8,300	4	4,600	4,300	0.7	3,100
Dane	5,600	5,200	1.9	9,800	3	5,000	4,800	0.8	3,600
Dodge	7,800	7,500	1.8	13,300	2	7,700	7,300	0.7	5,400
Green	550	500	2.2	1,100	24	450	400	0.5	200
Jefferson	650	600	1.4	830	27	650	600	0.5	300
Rock	4,000	3,800	2.0	7,670	5	3,800	3,600	0.8	2,700
S. C. District	**23,600**	**22,400**	**1.8**	**41,000**		**22,200**	**21,000**	**0.7**	**15,300**
Kenosha	-	-	-	-	-	50	50	0.6	30
Milwaukee	-	-	-	-	-	-	-	-	-
Ozaukee	2,350	2,300	1.8	4,040	12	1,620	1,600	0.7	1,050
Racine	-	-	-	-	-	50	50	0.6	30
Walworth	3,200	3,150	1.5	4,740	10	2,480	2,400	0.5	1,300
Washington	1,300	1,300	1.6	2,100	20 *	1,000	1,000	0.5	480
Waukesha	100	100	1.4	140	41	100	100	0.4	40
S. E. Dist 1/	**7,100**	**7,000**	**1.6**	**11,200**		**5,300**	**5,200**	**0.6**	**2,930**
State	**89,000**	**85,000**	**1.5**	**130,050**		**84,400**	**79,900**	**0.7**	**54,330**

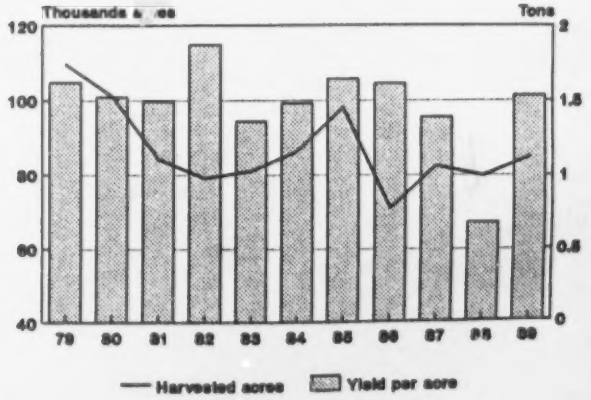
*Tied. 1/Includes data to prevent disclosure of individual operations at the county level for 1989.



GREEN PEAS FOR PROCESSING
Acreage, Yield, and Production Wisconsin, 1982-89

Year	Acres		Yield per acre (shelled)	Production (shelled)
	Planted	Harvested		
	Acres		Tons	Tons
1989	**89,000**	**85,000**	**1.53**	**130,050**
1988	84,400	79,900	.68	54,330
1987	85,500	82,500	1.39	114,680
1986	78,000	70,900	1.61	114,150
1985	102,100	98,100	1.64	160,880
1984	91,000	86,200	1.48	127,580
1983	84,600	81,000	1.36	110,160
1982	85,000	79,100	1.87	147,920

WISCONSIN GREEN PEAS



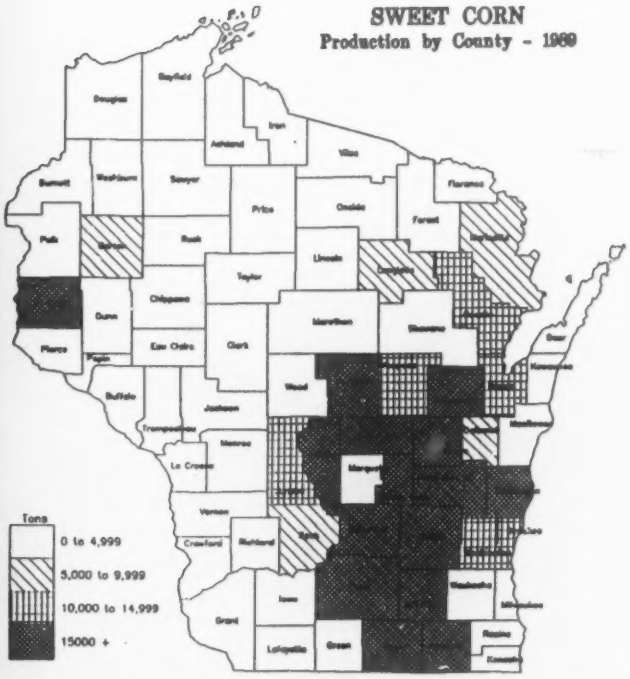
SWEET CORN FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Barron	900	900	7.2	6,500	24*	1,050	1,000	5.2	5,200
Bayfield	-	-	-	-	-	-	-	-	-
Burnett	50	50	6.0	300	46*	50	50	6.0	300
Chippewa	50	50	6.0	300	46*	100	50	5.0	250
Douglas	-	-	-	-	-	-	-	-	-
Polk	300	300	8.0	2,400	34	300	300	5.2	1,550
Rusk	-	-	-	-	-	-	-	-	-
Sawyer	100	100	6.0	600	40	100	100	5.0	500
Washburn	-	-	-	-	-	-	-	-	-
N. W. District	**1,400**	**1,400**	**7.2**	**10,100**		**1,600**	**1,500**	**5.2**	**7,800**
Ashland	-	-	-	-	-	-	-	-	-
Clark	50	50	6.4	320	45	-	-	-	-
Iron	-	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	-	-	-	-	-
Marathon	50	50	5.6	280	49	100	100	4.0	400
Oneida	-	-	-	-	-	-	-	-	-
Price	-	-	-	-	-	-	-	-	-
Taylor	-	-	-	-	-	-	-	-	-
Vilas	-	-	-	-	-	-	-	-	-
N. C. District	**100**	**100**	**6.0**	**600**		**100**	**100**	**4.0**	**400**
Florence	-	-	-	-	-	-	-	-	-
Forest	-	-	-	-	-	-	-	-	-
Langlade	1,300	1,200	5.4	6,500	24*	1,050	1,000	4.8	4,800
Marinette	1,900	1,700	4.2	7,100	22	1,800	1,700	4.3	7,300
Oconto	2,600	2,300	4.7	10,900	20	2,450	2,200	4.2	9,200
Shawano	700	600	4.7	2,800	31	400	400	3.3	1,300
N. E. District	**6,500**	**5,800**	**4.7**	**27,300**		**5,700**	**5,300**	**4.3**	**22,600**
Buffalo	-	-	-	-	-	50	-	-	-
Dunn	100	100	4.0	400	41*	150	100	3.0	300
Eau Claire	200	200	4.0	800	39	250	200	3.5	700
Jackson	-	-	-	-	-	50	-	-	-
La Crosse	100	100	4.0	400	41*	150	100	3.0	300
Monroe	-	-	-	-	-	-	-	-	-
Pepin	-	-	-	-	-	-	-	-	-
Pierce	100	100	4.0	400	41*	150	100	3.0	300
St. Croix	3,450	3,200	4.9	15,700	14	3,150	3,000	3.4	10,100
Trempealeau	150	100	4.0	400	41*	150	100	3.0	300
W. C. District	**4,100**	**3,800**	**4.8**	**18,100**		**4,100**	**3,600**	**3.3**	**12,000**
Adams	4,700	4,500	7.1	32,000	10	3,700	3,500	6.5	22,900
Green Lake	10,300	10,100	6.3	64,000	3	11,000	10,200	5.3	54,500
Juneau	2,000	1,900	7.5	14,300	16	1,900	1,700	5.4	9,200
Marquette	700	700	7.0	4,900	27	700	600	5.3	3,200
Portage	7,300	7,100	7.2	51,300	5	5,900	5,700	6.1	34,600
Waupaca	1,600	1,500	7.3	11,000	19	600	500	5.0	2,500
Waushara	8,000	7,800	7.9	62,000	4	5,600	5,400	6.3	33,900
Wood	400	400	6.3	2,500	32*	500	400	5.5	2,200
C. District	**35,000**	**34,000**	**7.1**	**242,000**		**29,900**	**28,000**	**5.8**	**163,000**
Brown	2,800	2,500	4.3	10,800	21	2,700	2,600	3.8	9,900
Calumet	1,500	1,300	4.2	5,500	26	1,400	1,200	4.0	4,800
Door	250	100	3.0	300	46*	50	50	4.0	200
Fond du Lac	20,650	19,500	4.5	87,300	2	22,800	20,300	4.4	88,900
Kewaunee	700	600	3.8	2,300	35	700	650	4.3	2,800
Manitowoc	800	700	4.6	3,200	29*	750	700	4.3	3,000
Outagamie	3,900	3,600	4.6	16,500	13	3,800	3,600	4.4	16,000
Sheboygan	11,000	10,300	4.4	45,000	7	9,400	8,700	4.5	38,900
Winnebago	3,700	3,400	4.4	15,100	15	3,400	3,200	4.2	13,500
E. C. District	**45,300**	**42,000**	**4.4**	**186,000**		**45,000**	**41,000**	**4.3**	**178,000**

SWEET CORN FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89, Continued

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Crawford	50	-	-	-	-	-	-	-	-
Grant	300	300	5.0	1,500	37	450	400	3.5	1,400
Iowa	850	800	5.3	4,200	28	950	850	3.4	2,900
Lafayette	-	-	-	-	-	-	-	-	-
Richland	400	400	4.0	1,600	36	500	400	2.8	1,100
Sauk	1,400	1,300	5.2	6,800	23	1,700	1,550	3.6	5,600
Vernon	-	-	-	-	-	-	-	-	-
S. W. District	**3,000**	**2,800**	**5.0**	**14,100**		**3,600**	**3,200**	**3.4**	**11,000**
Columbia	10,000	9,000	4.9	44,500	8	9,500	8,600	4.1	34,900
Dane	10,400	9,400	5.0	47,000	6	10,200	9,400	3.8	35,500
Dodge	19,300	18,300	5.0	91,500	1	15,000	14,000	4.1	58,000
Green	400	300	3.3	1,000	38	250	200	3.0	600
Jefferson	4,600	4,300	4.9	21,000	12	4,300	3,700	3.8	14,000
Rock	6,100	5,700	5.3	30,000	11	5,750	5,100	3.7	19,000
S. C. District	**50,800**	**47,000**	**5.0**	**235,000**		**45,000**	**41,000**	**4.0**	**162,000**
Kenosha	100	50	4.0	200	50*	100	50	4.0	200
Milwaukee	100	50	4.0	200	50*	100	50	4.0	200
Ozaukee	3,500	3,200	4.4	14,100	17	3,300	3,100	4.1	12,700
Racine	900	800	4.0	3,200	29*	1,100	1,000	3.5	3,500
Walworth	8,500	8,200	5.4	44,260	9	8,500	7,800	3.4	26,500
Washington	2,500	2,300	5.4	12,500	18	2,400	2,200	3.4	7,500
Waukesha	600	500	5.0	2,500	32*	500	500	3.1	1,560
S. E. District	**16,200**	**15,100**	**5.1**	**76,960**		**16,000**	**14,700**	**3.5**	**52,160**
State	**162,400**	**152,000**	**5.3**	**810,160**		**151,000**	**138,400**	**4.4**	**608,960**

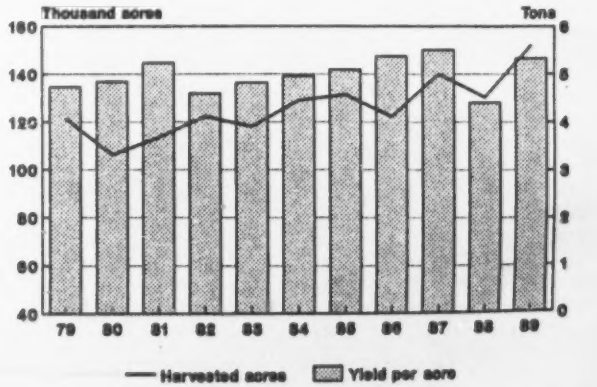
*Tied.



SWEET CORN FOR PROCESSING
Acreage, Yield, and Production Wisconsin, 1982-89

Year	Acres		Yield per acre (in husk)	Production (in husk)
	Planted	Harvested		
	Acres		Tons	Tons
1989	**162,400**	**152,000**	**5.33**	**810,160**
1988	151,000	138,400	4.40	608,960
1987	147,000	140,000	5.50	770,000
1986	133,000	122,200	5.37	656,210
1985	136,200	131,400	5.09	668,830
1984	136,300	129,000	4.95	638,550
1983	125,800	117,900	4.82	568,280
1982	124,100	122,200	4.60	562,120

WISCONSIN SWEET CORN



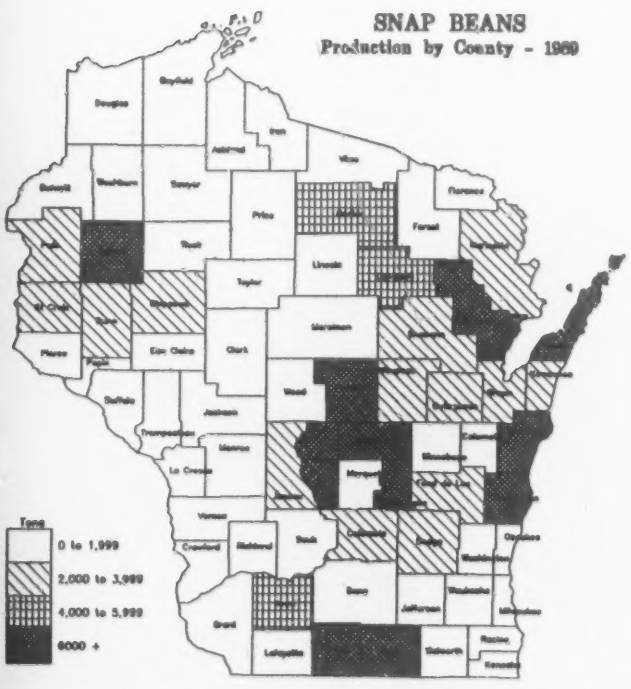
SNAP BEANS FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Barron	5,100	4,600	3.3	15,400	4	5,600	4,800	1.7	8,300
Bayfield	-	-	-	-	-	-	-	-	-
Burnett	100	100	3.0	300	45*	100	100	1.5	150
Chippewa	1,050	950	2.9	2,800	22	1,050	1,000	1.9	1,850
Douglas	-	-	-	-	-	-	-	-	-
Polk	1,200	1,100	3.0	3,300	17*	1,250	1,100	1.6	1,800
Rusk	-	-	-	-	-	-	-	-	-
Sawyer	-	-	-	-	-	-	-	-	-
Washburn	550	450	2.7	1,200	31	900	500	1.8	900
N. W. District	**8,000**	**7,200**	**3.2**	**23,000**		**8,900**	**7,500**	**1.7**	**13,000**
Ashland	-	-	-	-	-	-	-	-	-
Clark	150	150	2.3	350	43*	200	200	2.4	480
Iron	-	-	-	-	-	-	-	-	-
Lincoln	200	200	2.3	450	40*	300	300	2.4	720
Marathon	150	150	2.3	350	43*	200	200	2.4	480
Oneida	2,200	2,100	2.6	5,430	13	2,400	2,300	2.8	6,520
Price	-	-	-	-	-	-	-	-	-
Taylor	-	-	-	-	-	-	-	-	-
Vilas	200	200	2.3	450	40*	-	-	-	-
N. C. District	**2,900**	**2,800**	**2.5**	**7,030**		**3,100**	**3,000**	**2.7**	**8,200**
Florence	-	-	-	-	-	-	-	-	-
Forest	100	100	3.0	300	45*	100	100	3.0	300
Langlade	1,400	1,300	3.6	4,700	14	1,300	1,200	2.1	2,500
Marinette	900	850	3.5	3,000	19*	950	900	1.9	1,700
Oconto	2,900	2,750	2.9	8,100	8	2,700	2,400	1.9	4,520
Shawano	900	800	3.0	2,400	25	750	700	1.4	980
N. E. District	**6,200**	**5,800**	**3.2**	**18,500**		**5,800**	**5,300**	**1.9**	**10,000**
Buffalo	50	50	3.0	150	54	50	50	2.0	100
Dunn	650	600	3.3	2,000	28	650	600	1.5	920
Eau Claire	100	100	3.0	300	45*	200	200	2.2	440
Jackson	100	100	3.0	300	45*	100	100	1.4	140
La Crosse	100	100	2.5	250	52	100	100	2.8	280
Monroe	-	-	-	-	-	-	-	-	-
Pepin	300	250	3.0	750	37	300	300	2.2	660
Pierce	100	100	3.0	300	45*	150	100	2.2	220
St. Croix	900	900	3.2	2,850	21	1,250	1,200	2.2	2,640
Trempealeau	400	300	2.7	800	35*	400	350	2.6	900
W. C. District	**2,700**	**2,500**	**3.1**	**7,700**		**3,200**	**3,000**	**2.1**	**6,300**
Adams	3,800	3,400	3.3	11,300	6	3,900	3,400	3.6	12,400
Green Lake	2,600	2,400	3.4	8,200	7	2,800	2,600	2.7	7,100
Juneau	1,100	1,000	3.0	3,000	19*	1,150	1,100	2.8	3,100
Marquette	300	300	3.0	900	33*	350	300	2.8	850
Portage	18,900	18,600	3.9	72,000	1	18,400	18,200	3.2	58,500
Waupaca	1,000	900	3.7	3,300	17*	850	800	2.8	2,200
Waushara	12,400	12,200	3.6	43,400	2	12,200	12,000	3.0	35,600
Wood	600	600	3.2	1,900	29*	750	700	3.2	2,250
C. District	**40,700**	**39,400**	**3.7**	**144,000**		**40,400**	**39,100**	**3.1**	**122,000**
Brown	800	800	3.1	2,500	24	950	900	1.6	1,450
Calumet	300	300	2.7	800	35*	350	300	1.7	500
Door	2,500	2,300	2.8	6,500	11	2,250	2,200	1.4	3,000
Fond du Lac	900	800	3.4	2,700	23	1,050	700	2.0	1,400
Kewaunee	700	700	3.3	2,300	26	650	600	2.2	1,300
Manitowoc	4,200	3,900	3.4	13,300	5	3,500	3,400	1.8	6,200
Outagamie	1,200	1,100	3.5	3,900	15	1,250	1,200	2.0	2,450
Sheboygan	2,200	2,000	3.4	6,700	10	1,850	1,800	1.9	3,450
Winnebago	100	100	3.0	300	45*	150	100	2.5	250
E. C. District	**12,900**	**12,000**	**3.3**	**39,000**		**12,000**	**11,200**	**1.8**	**20,000**

SNAP BEANS FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89, Continued

County	1989					1988			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Crawford	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	100	100	2.4	240
Iowa	1,900	1,800	3.1	5,500	12	200	200	2.7	540
Lafayette	-	-	-	-	-	-	-	-	-
Richland	200	200	2.8	550	38	550	500	2.4	1,200
Sauk	300	300	3.2	950	32	1,850	1,800	3.0	5,420
Vernon	-	-	-	-	-	-	-	-	-
S. W. District	**2,400**	**2,300**	**3.0**	**7,000**		**2,700**	**2,600**	**2.8**	**7,400**
Columbia	1,400	1,200	3.1	3,700	16	1,500	1,300	1.9	2,430
Dane	600	500	3.8	1,900	29*	450	400	1.2	460
Dodge	800	800	2.8	2,200	27	1,000	800	1.7	1,350
Green	1,900	1,900	3.7	7,100	9	2,000	1,900	2.2	4,100
Jefferson	100	100	3.0	300	45*	150	100	1.6	160
Rock	5,600	5,200	3.4	17,800	3	6,000	5,700	2.1	12,000
S. C. District	**10,400**	**9,700**	**3.4**	**33,000**		**11,100**	**10,200**	**2.0**	**20,500**
Kenosha	50	50	3.2	160	53	-	-	-	-
Milwaukee	-	-	-	-	-	-	-	-	-
Ozaukee	200	200	2.1	420	42	150	150	2.5	380
Racine	200	200	2.5	500	39	300	250	1.6	400
Walworth	300	300	3.0	900	33*	500	450	2.7	1,200
Washington	50	50	2.4	120	55	50	50	2.0	100
Waukesha	-	-	-	-	-	-	-	-	-
S. E. District	**800**	**800**	**2.6**	**2,100**		**1,000**	**900**	**2.3**	**2,080**
State	**87,000**	**82,500**	**3.4**	**281,330**		**88,200**	**82,800**	**2.5**	**209,480**

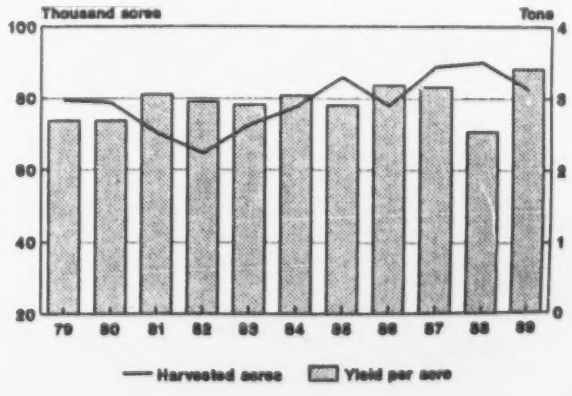
*Tied.



SNAP BEANS FOR PROCESSING
Acreage, Yield, and Production Wisconsin, 1982-89

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	Acres		Tons	Tons
1989	**87,000**	**82,500**	**3.41**	**281,330**
1988	88,200	82,800	2.53	209,480
1987	94,300	88,700	3.15	279,410
1986	88,400	77,800	3.18	247,400
1985	89,600	85,800	2.90	248,820
1984	78,800	77,600	3.03	235,130
1983	75,800	72,400	2.91	210,680
1982	66,200	64,500	2.95	190,280

WISCONSIN SNAP BEANS



CROP VALUES PER ACRE: Wisconsin, 1983-89

Crop	1989	1988	1987	1986	1985	1984	1983
	Dollars per acre						
Field crops							
Corn for grain	239	171	237	172	234	273	306
Corn for silage	260	173	210	182	250	263	283
Oats	89	83	81	70	86	102	92
Barley	120	79	84	71	90	117	120
Rye	63	52	43	43	59	59	66
All wheat	181	127	110	127	157	177	159
Soybeans for beans	196	166	217	165	155	177	266
Potatoes	2,415	2,048	1,309	1,610	1,197	1,680	1,693
Tobacco, all	2,298	2,502	1,993	1,786	2,258	2,237	2,126
Type 54	3,233	2,613	2,100	1,867	2,539	2,337	2,288
Type 55	2,595	2,250	1,800	1,720	2,003	2,145	1,957
Hay, all (dry only)	162	140	142	155	226	221	247
Alfalfa	172	156	155	164	242	235	266
Vegetable crops							
Onions	2,518	2,634	2,575	3,239	1,260	1,559	3,719
Lettuce	0	0	0	2,500	3,989	4,356	1,693
Carrots 1/	2,583	2,393	3,001	2,826	2,208	1,764	2,205
Mint for oil 2/	748	450	543	515	484	546	468
For processing							
Peas	343	171	302	335	371	329	292
Sweet corn	336	251	316	310	307	284	272
Snap beans	518	382	450	455	441	461	407
Cucumber for pickles 3/	1,396	1,290	1,309	1,200	1,156	826	
Fruits							
Cranberries 4/	6,780	7,749	6,934	6,947	7,026	7,424	6,838
Strawberries	3,660	2,624	2,090	2,806	2,121	2,085	2,090

1/Includes portion processed. 2/Peppermint and spearmint. 3/Data not available in 1983. 4/1988 marketing year average price was used in computing value.

POTATO STOCKS: Wisconsin, 1982-89

Crop year	Production	Total Stocks					
		December 1	Following year				
			January 1	February 1	March 1	April 1	May 1
	1,000 cwt.						
1989	23,460	13,000	10,600	7,900	6,500	4,900	3,000
1988*	20,000	11,600	9,300	7,200	6,000	4,050	2,870
1987*	22,100	13,100	10,000	7,600	6,400	4,600	2,800
1986	20,125	12,000	9,000	6,800	5,400	3,400	2,300
1985	24,130	14,500	11,000	8,400	6,500	4,800	3,200
1984	21,350	11,600	9,200	7,300	5,700	3,900	2,300
1983	18,910	11,000	8,400	6,300	5,000	2,700	1,700
1982	22,575	11,500	9,400	7,500	5,430	3,430	2,080

*Revised.

APPLES
Acreage, Yield, and Production, Wisconsin, 1984-89

Year	Bearing acreage 1/	Yield per acre 2/	Production
	Acres	Pounds	Million pounds
1989	7,000	9,290	65
1988*	6,700	6,720	45
1987*	6,500	10,000	65
1986*	6,300	9,210	58
1985*	6,200	10,000	62
1984*	6,100	8,690	53

1/Bearing acreage estimates are based primarily on periodic orchard and vineyard inventory surveys. Wisconsin's last periodic survey was in 1986. Interim years are based on U.S. Census of Agriculture data, trends in plantings and removals, county extension services data, end of season production surveys, and other available indications. 2/Yield is based on total production which includes unharvested production and fruit harvested but not sold due to marketing conditions. *Revised.

TART CHERRIES
Acreage, Yield, and Production, Wisconsin, 1984-89

Year	Bearing acreage 1/	Yield per acre 2/	Production
	Acres	Pounds	Million pounds
1989	2,900	2,830	8.2
1988*	2,800	3,180	8.9
1987*	2,800	5,000	14.0
1986*	2,600	1,420	3.7
1985*	2,400	3,540	8.5
1984*	2,300	5,220	12.0

1/Bearing acreage estimates are based primarily on periodic orchard and vineyard inventory surveys. Wisconsin's last periodic survey was in 1986. Interim years are based on U.S. Census of Agriculture data, trends in plantings and removals, county extension services data, end of season production surveys, and other available indications. 2/Yield is based on total production which includes unharvested production and fruit harvested but not sold due to marketing conditions. *Revised.

CUCUMBERS FOR PICKLES
Acreage, Yield, and Production, Wisconsin, 1982-89

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	Acres		Tons	Tons
1989	**6,800**	**6,700**	**7.59**	**50,850**
1988	6,800	6,800	6.90	46,920
1987	5,800	5,700	8.03	45,770
1986	7,300	7,200	7.50	54,000
1985	7,000	6,700	9.25	61,980
1984	8,100	7,800	7.87	61,390
1983 1/	-	-	-	-
1982 1/	-	-	-	-

1/Data not available in 1982 and 1983.

CARROTS
Acreage, Yield, and Production, Wisconsin, 1982-89

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	Acres		Cwt.	1,000 cwt.
1989	**3,900**	**3,300**	**475**	**1,568**
1988	4,100	3,200	405	1,296
1987	3,800	3,500	500	1,750
1986	4,200	3,500	435	1,523
1985	3,600	3,300	470	1,551
1984	5,500	5,200	365	1,898
1983	3,700	3,200	465	1,488
1982	4,500	4,000	450	1,800

LETTUCE
Acreage, Yield, and Production, Wisconsin, 1982-89

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	Acres		Cwt.	Cwt.
1989	**0**	**0**	**0**	**0**
1988	0	0	0	0
1987	0	0	0	0
1986	650	540	290	157,000
1985	750	740	330	244,000
1984	700	700	360	252,000
1983	700	690	175	121,000
1982	1,200	1,100	190	209,000

ONIONS
Acreage, Yield, and Production, Wisconsin, 1982-89

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	Acres		Cwt.	1,000 cwt.
1989	**1,400**	**1,300**	**375**	**488**
1988	1,600	1,300	270	351
1987	1,400	1,200	280	336
1986	1,400	1,200	315	378
1985	1,500	1,300	335	436
1984	1,700	1,600	340	544
1983	1,700	1,600	345	552
1982	1,600	1,500	330	495

CRANBERRIES
Acreage, Yield, and Production, Wisconsin, 1982-89

Year	Acres harvested	Yield per acre	Production
	Acres	Barrels	1,000 bbls.
1989	**9,200**	**150.0**	**1,380**
1988*	9,100	171.4	1,560
1987*	8,900	156.2	1,390
1986*	8,500	165.0	1,330
1985*	8,000	153.8	1,230
1984*	7,500	160.0	1,200
1983	7,300	155.1	1,132
1982	7,200	180.6	1,300

*Revised.

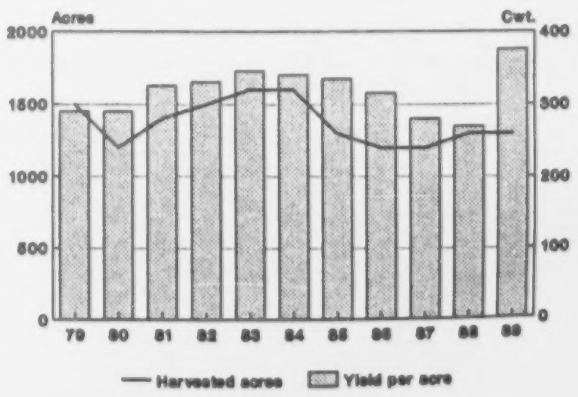
STRAWBERRIES
Acreage, Yield, and Production, Wisconsin, 1982-89

Year	Acres harvested	Yield per acre	Production
	Acres	Cwt.	Cwt.
1989	**1,100**	**55**	**61,000**
1988	1,000	41	41,000
1987	1,200	37	44,000
1986	1,300	49	64,000
1985	1,400	39	55,000
1984	1,500	39	59,000
1983	1,500	38	57,000
1982	1,600	38	61,000

MINT FOR OIL
Acreage, Yield, and Production, Wisconsin, 1982-89

Year	Acres harvested	Yield per acre	Production
	Acres	Pounds	1,000 pounds
1989	**14,900**	**43.4**	**647**
1988	8,900	21.3	190
1987	8,600	37.4	322
1986	9,800	37.6	368
1985	9,300	36.2	337
1984	11,700	42.7	500
1983	11,600	42.2	489
1982	11,200	31.5	353

WISCONSIN ONIONS



TOBACCO: Acreage, Yield, and Production, By Counties, Wisconsin, 1988-89

County	1989 1/				1988 2/		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Pounds			Acres	Pounds	
TYPE 54							
Columbia	162	2,148	348,000	5	105	2,176	228,500
Dane	2,730	2,179	5,950,000	1	1,870	2,091	3,910,000
Dodge	**	**	**	-	**	**	**
Green	**	**	**	-	**	**	**
Jefferson	70	2,191	153,400	7	38	1,605	61,000
Rock	624	2,051	1,280,000	3	380	2,126	808,000
Racine	**	**	**	-	**	**	**
Walworth	**	**	**	-	**	**	**
Total	**3,600**	**2,155**	**7,758,000**		**2,400**	**2,090**	**5,016,000**
TYPE 55							
Chippewa	**	**	**	-	**	**	**
Jackson	**	**	**	-	**	**	**
Juneau	**	**	**	-	**	**	**
La Crosse	60	1,667	100,000	8	31	2,065	64,000
Monroe	100	1,740	174,000	6	54	2,074	112,000
Trempealeau	**	**	**	-	**	**	**
Crawford	346	1,691	585,000	4	165	1,558	257,000
Richland	32	1,678	53,700	9	15	1,607	24,100
Vernon	1,530	1,745	2,670,000	2	775	1,826	1,415,000
Total	**2,100**	**1,730**	**3,633,000**		**1,050**	**1,800**	**1,890,000**
State	**5,700**	**1,998**	**11,391,000**		**3,450**	**2,002**	**6,906,000**

1/Preliminary. 2/Revised. **Less than 15 acres but estimate included in totals.

TOBACCO: Acreage, Yield, and Production, Wisconsin, 1982-89

Year	All			Type 54			Type 55		
	Acres harvested	Yield per acre	Production	Acres harvested	Yield per acre	Production	Acres harvested	Yield per acre	Production
	Acres	Pounds	1,000 pounds	Acres	Pounds	1,000 pounds	Acres	Pounds	1,000 pounds
1989	**5,700**	**1,998**	**11,391**	**3,600**	**2,155**	**7,758**	**2,100**	**1,730**	**3,633**
1988*	3,450	2,002	6,906	2,400	2,090	5,016	1,050	1,800	1,890
1987	4,200	1,993	8,370	2,700	2,100	5,670	1,500	1,800	2,700
1986	6,200	1,913	11,860	2,800	1,965	5,502	3,400	1,870	6,358
1985	8,200	2,192	17,978	3,900	2,465	9,614	4,300	1,945	8,364
1984	8,100	2,025	16,400	3,900	2,105	8,210	4,200	1,950	8,190
1983	8,600	1,941	16,691	4,400	2,080	9,152	4,200	1,795	7,539
1982	10,100	1,994	20,136	5,100	2,110	10,761	5,000	1,875	9,375

*Revised.

TOBACCO, CIGAR FILLER & BINDER: Market Year Average Price Received by Farmers & Value of Production Wisconsin, Connecticut Valley, and Ohio, 1988-89

Class	Type number	Market year average price per pound received by farmers		Value of production	
		1989 1/	1988	1989 1/	1988
		Cents		1,000 dollars	
Ohio-Miami Valley-Ohio	42 - 44	2/	104.0	2/	29
Connecticut Valley Broadleaf	51	180.0	170.0	2,261	2,772
Southern Wisconsin	54	150.0	125.0	11,637	6,270
Northern Wisconsin	55	150.0	125.0	5,450	2,363
Total	51-55	153.0	133.6	19,348	11,405

1/Preliminary. 2/Includes binder types grown in Ohio. Estimates discontinued in 1989 because of limited acreage.

Livestock & Poultry

Wisconsin's red meat industry generated cash receipts of $973.8 million during 1989, down 10 percent from 1988. Sales of cattle and calves totaled $761.5 million, down 10 percent from 1988, while hog and pig sales, at $207.1 million, were down 6 percent. Cash receipts from sales of sheep and lambs increased 3 percent from the $5.0 million in 1988 to nearly $5.2 million in 1989.

Cattle and calves on farms in January 1990 totaled 4,170,000 head, up 1 percent from last year. Value of these cattle in Wisconsin was $3.32 billion, 13.9 percent higher than a year earlier. The average value per head increased $90 from 1989 to 1990.

Dairy cows in Wisconsin on January 1, 1990, totaled 1.76 million, up 20,000 head from a year earlier. Milk cow replacement heifers weighing 500 pounds or more totaled 810,000 head, up 1.9 percent from last year.

Beef cows, at 180,000 head, increased 20 percent from a year ago. Beef replacement heifers weighing 500 pounds or more, totaled 32,000 head, 7 percent above last year. Other heifers not used for herd replacement numbered 100,000 head, an increase of 75 percent from last year.

Steers weighing 500 pounds or more on January 1 totaled 305,000 head, an increase of 1.7 percent from last year. Bulls 500 pounds or more were unchanged at 33,000 head. Steer, bull, and heifer calves under 500 pounds totaled 950,000 head, down 7.3 percent from 1989. Cattle and calves on feed for slaughter market on January 1 totaled 120,000 head, up 20 percent from a year ago.

Hogs and pigs on hand December 1, 1989, at 1.25 million head, decreased 2 percent from a year earlier. Breeding stock, at 175,000 head, decreased 5 percent from the previous year, while market hogs at 1,075 million head, decreased 1 percent. Value of all swine in Wisconsin on December 1 totaled $101.2 million, an increase of 15 percent from the previous year. Value per head increased from $69 to $81.

Photo courtesy of Wisconsin State Journal

All sheep and lambs in the state on January 1, 1990, totaled 105,000 head, 11.7 percent above a year ago. Sheep and lambs were valued at $8.8 million, up 6.0 percent from a year ago. A decrease of $4.50 per head was offset by higher inventory. Stock sheep and lambs numbered 90,000 head, up 5.9 percent from 1989. Ewe stock sheep one year and older totaled 71,000 head, up 7.6 percent from last year. Lambs on feed January 1, at 15,000 head, were 6,000 more than a year earlier.

All chickens in Wisconsin on December 1, 1989, totaled 4.2 million birds, down less than 1 percent from the previous year. Hens and pullets of laying age totaled 3.48 million, up 3.9 percent from the previous year. All chickens on farms were valued at $8.61 million, an increase of 20 percent from 1988.

NUMBER AND VALUE OF LIVESTOCK: Wisconsin, January 1, 1988-90

Class of livestock	Number			Farm value per head			Farm value		
	1990	1989	1988	1990	1989	1988	1990	1989	1988
	1,000 head			Dollars			1,000 dollars		
All cattle and calves	4,170	4,130	4,230	795.00	705.00	655.00	3,315,150	2,911,650	2,770,650
Hogs and pigs 1/*	1,250	1,275	1,320	81.00	69.00	75.00	101,250	87,975	99,000
All sheep and lambs*	105	94	93	83.50	88.00	93.50	8,768	8,272	8,696
All chickens 1/ 2/*	4,200	4,205	4,440	2.05	1.70	1.70	8,610	7,149	7,548
Total value	-	-	-	n.a.	n.a.	n.a.	3,433,778	3,015,046	2,885,894

1/December 1 previous year. 2/Does not include commercial broilers. *Revised.

INDEX OF RED MEAT & POULTRY PRODUCTION
Wisconsin, 1984-89 (1977=100)

Commodity	1989	1988	1987	1986	1985	1984
Cattle and calves	135	139	147	139	119	126
Hogs	97	105	111	102	107	104
Sheep & lambs	148	133	126	108	110	109
Chickens 1/	60	68	48	48	44	74
Broilers	114	129	127	112	108	111
Total	123	127	133	126	116	118

1/Beginning 1985 includes sold only.

LIVESTOCK AND POULTRY FARMS
Wisconsin, 1981-89

Year	Cattle	Dairy	Hogs	Sheep	Chickens
	1,000 farms				
1989	57	34	9.7	2.8	5.6
1988	58	36	10.0	2.8	5.7
1987*	60	37	10.2	2.9	5.8
1986*	62	39	11.0	3.1	5.9
1985	63	41	12.0	3.4	6.1
1984	66	43	13.5	3.6	6.3
1983	68	44	14.0	3.7	6.4
1982	69	44	15.0	3.8	6.5
1981	70	44	18.0	3.8	7.0

*Revised.

MEAT: PER CAPITA CONSUMPTION
United States, 1975-90 1/

Year	Beef	Veal	Pork
	Retail weight in pounds		
1990	68.8	1.2	61.2
1989	69.0	1.2	63.2
1988	72.3	1.4	63.5
1987	73.4	1.5	59.1
1986	78.4	1.9	58.6
1985	78.8	1.8	62.0
1984	78.1	1.8	61.5
1983	78.2	1.6	61.9
1982	76.8	1.6	58.5
1981	77.1	1.6	64.9
1980	76.4	1.5	68.0
1979	78.0	1.7	63.4
1978	87.2	2.4	55.8
1977	91.4	3.1	55.8
1976	94.2	3.2	53.6
1975	88.0	3.4	50.5

Year	Lamb/mutton	Chicken	Turkey
	Retail weight in pounds		
1990	1.5	72.4	17.5
1989	1.4	68.3	16.9
1988	1.4	65.1	16.0
1987	1.3	62.8	15.1
1986	1.4	58.7	13.3
1985	1.4	57.6	12.1
1984	1.5	55.2	11.3
1983	1.5	53.4	11.2
1982	1.5	52.7	10.8
1981	1.4	51.3	10.7
1980	1.4	49.7	10.5
1979	1.3	50.3	9.9
1978	1.4	46.4	9.1
1977	1.5	43.9	9.1
1976	1.6	42.4	9.1
1975	1.8	39.8	8.5

1/Revised. Military purchases are now included in domestic consumption and military personnel in total population. Source: *Livestock and Poultry Situation and Outlook Report,* February 1990.

NUMBER OF LIVESTOCK
Wisconsin, January 1, 1988-90

Class of livestock	1990	1989	1988
	1,000 head		
Cows	1,940	1,890	1,990
Beef	180	150	200
Milk	1,760	1,740	1,790
Heifers 500 pounds and over	942	882	896
For beef cow replacement	32	30	41
For milk cow replacement	810	795	775
Other heifers	100	57	80
Steers 500 pounds and over	305	300	295
Bulls 500 pounds and over	33	33	34
Heifers, steers, and bulls under 500 pounds	950	1,025	1,015
All cattle and calves	4,170	4,130	4,230
Cattle on feed	120	100	110
Hogs and pigs, total 1/	1,250	1,275	1,320
Breeding	175	185	185
Market	1,075	1,090	1,135
Stock sheep and lambs	90	85*	83*
Ewes 1 year and older	71	66*	63*
Ewe lambs	13	12*	13*
Rams and wethers 1 year and older	4	4*	4*
Wether and ram lambs	2	3*	3*
Sheep and lambs on feed	15	9*	10
All sheep and lambs	105	94*	93*
Hens and pullets of laying age	3,475	3,345*	3,730*
Other pullets	700	835	680
Other chickens	25	25	30
All chickens 1/ 2/	4,200	4,205*	4,440*

1/December 1 previous year. 2/Does not include commercial broilers. *Revised.

LIVESTOCK SLAUGHTER: By Months, Wisconsin, 1985-89

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	1,000 head 1/												
	CATTLE												
1989	**98.2**	**93.2**	**98.7**	**95.0**	**101.7**	**99.7**	**97.7**	**107.7**	**97.0**	**104.1**	**110.6**	**102.4**	**1,206.0**
1988	103.2	100.7	101.2	89.9	94.0	109.8	105.1	100.3	100.4	111.6	115.4	110.2	1,241.8
1987	114.1	103.5	110.0	106.7	103.4	105.9	112.7	108.3	110.8	114.6	108.4	116.5	1,314.9
1986	122.7	98.6	107.4	123.8	117.6	114.0	128.7	115.8	119.0	129.6	115.3	135.7	1,428.3
1985	110.6	96.2	94.5	95.3	101.8	97.8	114.2	114.3	113.5	131.0	124.4	124.8	1,318.4
	CALVES												
1989	**27.1**	**26.3**	**28.8**	**26.5**	**28.3**	**25.9**	**25.3**	**26.4**	**24.3**	**28.4**	**25.5**	**24.3**	**317.0**
1988	28.7	31.6	30.8	24.8	26.0	34.2	29.8	29.5	28.1	28.0	26.2	25.8	343.7
1987	34.1	30.3	35.1	28.9	26.7	31.7	29.9	25.2	30.0	33.7	28.0	34.3	368.0
1986	34.1	33.9	34.5	37.7	35.5	28.6	33.2	26.7	29.5	33.6	29.6	35.2	392.2
1985	37.2	31.6	34.3	30.6	33.7	27.5	34.1	29.7	31.4	36.5	32.4	38.0	397.0
	HOGS												
1989	**26.1**	**24.9**	**27.6**	**29.6**	**33.5**	**32.5**	**30.8**	**35.1**	**28.1**	**28.1**	**24.4**	**23.5**	**344.1**
1988	15.0	14.1	20.2	20.4	23.4	26.5	24.3	31.5	27.5	26.9	26.5	27.1	283.4
1987	21.1	68.1	128.4	134.2	93.2	89.0	87.4	83.4	100.4	144.4	126.0	29.0	1,104.7
1986	186.4	168.2	188.2	177.0	180.6	150.3	155.1	161.3	182.4	204.8	155.7	152.3	2,062.3
1985	223.7	190.8	231.5	227.0	231.2	197.7	196.9	212.2	227.1	240.0	213.8	188.3	2,580.2
	SHEEP AND LAMBS												
1989	**0.9**	**0.8**	**1.0**	**0.7**	**0.5**	**0.6**	**1.1**	**1.7**	**1.2**	**1.2**	**0.7**	**0.5**	**10.9**
1988	0.2	0.2	0.4	0.5	0.4	0.8	0.9	1.7	1.2	0.9	1.0	0.7	9.0
1987	0.3	0.3	0.2	0.6	0.2	0.5	0.8	1.2	1.0	0.9	0.6	0.5	6.9
1986	0.3	0.2	0.3	0.5	0.4	0.4	0.9	1.2	1.2	0.9	0.6	0.5	7.5
1985	0.5	0.3	0.3	0.7	0.5	0.6	1.2	1.3	1.2	1.0	0.7	0.6	9.0
	Million pounds liveweight 1/												
	CATTLE												
1989	**117.3**	**111.0**	**117.6**	**113.3**	**119.8**	**120.7**	**116.0**	**127.5**	**115.4**	**122.9**	**131.1**	**122.9**	**1,435.6**
1988	123.4	119.8	120.9	106.4	112.3	128.6	122.5	117.1	117.0	130.4	135.0	130.3	1,463.8
1987	133.2	114.0	130.0	127.8	124.5	127.5	133.2	127.9	132.7	134.1	128.6	138.1	1,551.4
1986	144.0	115.6	127.2	142.9	136.7	135.0	150.7	135.7	139.9	149.1	135.1	158.5	1,670.4
1985	128.0	112.4	109.6	110.9	120.2	115.4	136.7	136.3	136.9	157.9	146.5	145.7	1,556.5
	CALVES												
1989	**7.9**	**7.4**	**7.8**	**8.6**	**8.7**	**7.6**	**7.0**	**7.5**	**7.4**	**8.5**	**7.7**	**6.8**	**92.8**
1988	8.0	8.9	9.0	7.4	7.6	9.0	7.9	8.0	8.4	8.6	7.9	7.2	97.9
1987	8.6	7.9	8.8	7.3	7.1	8.2	7.9	6.5	8.3	9.2	7.4	8.6	95.8
1986	7.9	7.8	7.8	8.3	8.5	6.8	8.2	6.7	8.1	9.1	6.8	8.3	94.3
1985	9.1	7.5	7.7	7.1	7.9	6.7	7.8	7.2	7.2	8.2	7.5	8.6	92.4
	HOGS												
1989	**10.2**	**9.5**	**10.6**	**11.5**	**13.4**	**13.2**	**12.3**	**13.3**	**10.8**	**10.7**	**9.5**	**9.4**	**134.2**
1988	5.3	5.1	7.6	7.9	8.9	10.1	9.0	11.9	10.4	10.2	10.2	10.2	106.8
1987	5.9	18.1	32.6	34.5	24.4	23.8	23.3	21.8	25.8	37.5	32.0	8.1	288.0
1986	45.3	40.6	45.9	44.6	45.7	38.1	39.0	41.1	44.7	50.9	38.9	38.4	513.1
1985	54.2	45.8	56.1	56.0	59.1	49.5	48.5	52.1	54.7	58.2	51.8	45.5	613.5
	SHEEP AND LAMBS 2/												
1989	**109**	**101**	**126**	**83**	**59**	**73**	**119**	**197**	**132**	**140**	**84**	**60**	**1,283**
1988	28	26	51	59	42	89	99	193	138	97	115	78	1,015
1987	31	29	17	66	27	51	85	132	112	94	65	58	767
1986	35	22	34	56	45	42	99	124	123	92	67	57	795
1985	47	28	30	72	55	63	126	141	131	104	66	65	927

1/Months will not necessarily add to total due to rounding. 2/Thousand pounds.

CATTLE AND CALVES: Number on Farms and Value, Wisconsin, January 1, 1983-90

Year	All cattle and calves			Kept for milk		Kept for beef		Other cattle			
	Number	Farm value		Cows	Heifers 500 pounds & over for replacement	Cows	Beef heifers 500 pounds & over for replacement	Other heifers 500 pounds & over	Steers 500 pounds & over	Bulls 500 pounds & over	Calves under 500 pounds
		Per head	Total								
	1,000 head	Dollars	1,000 dollars	1,000 head							
1990	**4,170**	**795**	**3,315,150**	**1,760**	**810**	**180**	**32**	**100**	**305**	**33**	**950**
1989	4,130	705	2,911,650	1,740	795	150	30	57	300	33	1,025
1988	4,230	655	2,770,650	1,790	775	200	41	80	295	34	1,015
1987	4,260	605	2,577,300	1,825	814	190	47	98	277	34	975
1986	4,280	570	2,439,600	1,892	847	184	47	90	265	43	912
1985	4,440	600	2,664,000	1,837	835	230	65	92	319	42	1,020
1984	4,350	575	2,501,250	1,850	810	195	52	87	304	43	1,009
1983	4,400	655	2,882,000	1,840	774	220	48	88	349	44	1,037

CATTLE AND CALVES: Production, Disposition, and Income, Wisconsin, 1982-90

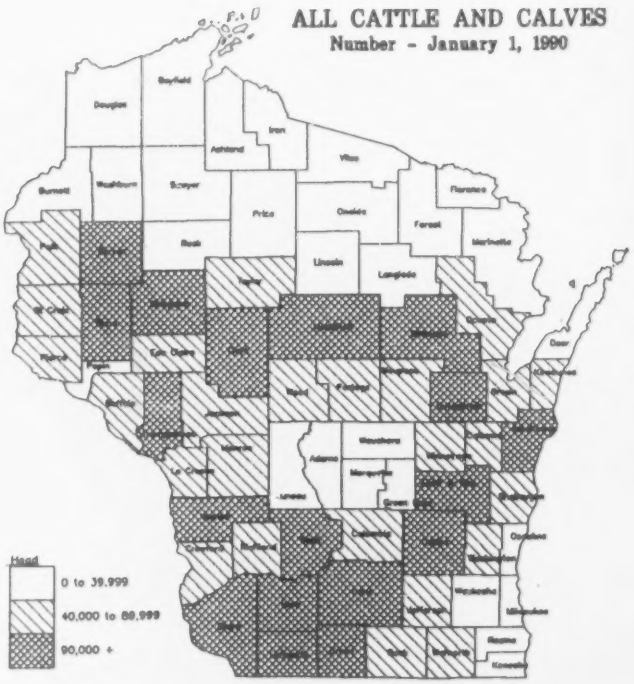
Year	All cattle and calves January 1	Calves born	In-shipments	Marketings		Slaughter on farms	Deaths	
				Cattle	Calves	Cattle and calves	Cattle	Calves
	1,000 head							
1990	**4,170**							
1989	4,130	1,900	40	840	760	9	74	217
1988	4,230	1,910	40	1,061	670	9	70	240
1987	4,260	1,940	50	1,023	680	12	80	225
1986	4,280	2,000	42	1,003	717	17	90	235
1985	4,440	2,005	105	890	1,029	26	85	240
1984	4,350	2,020	110	767	917	21	85	250
1983	4,400	1,980	100	767	980	23	90	270
1982	4,450	2,000	100	796	959	18	87	290

Year	Production	Marketings	Price per 100 pounds		Cash receipts	Value of home consumption	Gross income
			Cattle	Calves			
	1,000 pounds		Dollars		1,000 dollars		
1989	**1,243,910**	**1,142,780**	**55.30**	**129.50**	**761,488**	**18,663**	**780,151**
1988	1,280,095	1,382,590	53.70	124.00	850,632	18,294	868,926
1987	1,354,895	1,339,965	50.80	108.00	770,046	19,160	789,206
1986	1,275,780	1,317,495	42.90	85.70	635,699	21,985	657,684
1985	1,090,110	1,249,570	43.10	85.70	639,215	29,671	668,886
1984	1,156,225	1,084,785	47.40	90.80	611,528	29,285	640,813
1983	1,063,960	1,104,470	46.40	97.90	628,370	26,972	655,342
1982	1,094,405	1,140,145	48.90	92.50	655,633	24,735	680,368

ALL CATTLE AND CALVES: By Counties, Wisconsin, January 1, 1989-90

County	1990	Rank	1989
	Number		Number
Barron	90,900	17	91,300
Bayfield	11,900	61	11,500
Burnett	13,700	60	14,300
Chippewa	103,800	10	102,800
Douglas	8,000	64	8,300
Polk	69,600	27	69,600
Rusk	34,100	47	33,700
Sawyer	8,100	63	8,100
Washburn	14,900	59	14,400
N. W. District	**355,000**		**354,000**
Ashland	7,800	65	7,500
Clark	136,200	5	133,200
Iron	1,600	68	1,600
Lincoln	21,500	54	21,000
Marathon	156,700	3	153,500
Oneida	1,000	69	900
Price	15,300	58	15,100
Taylor	58,700	34	61,000
Vilas	200	71	200
N. C. District	**399,000**		**394,000**
Florence	2,400	67	2,500
Forest	6,000	66	5,400
Langlade	22,000	52	22,700
Marinette	34,900	46	34,300
Oconto	60,300	33	57,800
Shawano	98,400	14	97,300
N. E. District	**224,000**		**220,000**
Buffalo	77,800	22	78,500
Dunn	90,000	18	91,000
Eau Claire	45,300	39	46,200
Jackson	41,500	43	41,600
La Crosse	45,000	40	45,700
Monroe	82,600	21	82,400
Pepin	26,600	49	25,600
Pierce	71,500	25	68,700
St. Croix	83,000	20	84,300
Trempealeau	93,700	16	91,000
W. C. District	**657,000**		**655,000**
Adams	11,000	62	10,800
Green Lake	39,800	44	38,800
Juneau	37,300	45	35,800
Marquette	21,800	53	20,800
Portage	44,300	42	42,500
Waupaca	71,300	26	70,300
Waushara	25,600	50	24,700
Wood	53,900	35	52,300
C. District	**305,000**		**296,000**
Brown	88,100	19	85,600
Calumet	61,700	31	60,900
Door	29,300	48	28,500
Fond du Lac	113,500	7	112,700
Kewaunee	61,800	30	61,200
Manitowoc	97,500	15	97,400
Outagamie	99,500	13	97,500
Sheboygan	63,900	29	61,600
Winnebago	44,700	41	44,600
E. C. District	**660,000**		**650,000**

County	1990	Rank	1989
	Number		Number
Crawford	53,600	36	53,200
Grant	214,700	1	210,500
Iowa	111,700	8	115,000
Lafayette	121,100	6	121,000
Richland	61,400	32	62,700
Sauk	99,800	12	98,600
Vernon	102,700	11	105,000
S. W. District	**765,000**		**766,000**
Columbia	75,500	23	72,500
Dane	158,000	2	156,300
Dodge	144,200	4	146,600
Green	110,400	9	109,400
Jefferson	64,200	28	63,500
Rock	72,700	24	71,700
S. C. District	**625,000**		**620,000**
Kenosha	16,300	57	16,700
Milwaukee	600	70	400
Ozaukee	20,700	55	20,600
Racine	19,300	56	18,200
Walworth	50,600	37	49,000
Washington	50,100	38	49,000
Waukesha	22,400	51	21,100
S. E. District	**180,000**		**175,000**
State	**4,170,000**		**4,130,000**

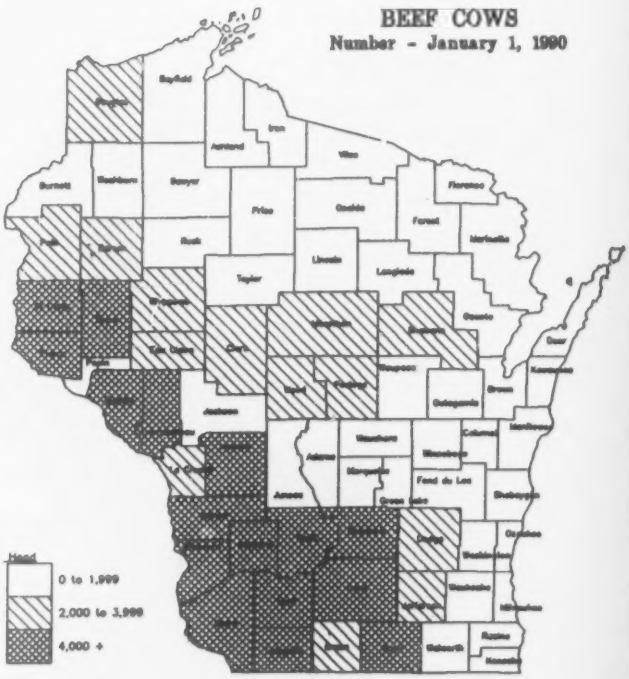


BEEF COWS: By Counties, Wisconsin, January 1, 1989-90

County	1990	Rank	1989
	Number		Number
Barron	2,200	28	1,900
Bayfield	750	59	600
Burnett	1,200	46 *	1,000
Chippewa	2,700	22	2,200
Douglas	2,100	29	1,800
Polk	3,300	20	2,800
Rusk	1,200	46 *	900
Sawyer	850	56 *	800
Washburn	1,900	31 *	1,600
N. W. District	**16,200**		**13,600**
Ashland	600	65	500
Clark	2,600	23 *	2,300
Iron	100	70	50
Lincoln	850	56 *	700
Marathon	3,600	18	3,100
Oneida	200	68	150
Price	1,100	50 *	900
Taylor	1,300	43 *	1,100
Vilas	50	71	100
N. C. District	**10,400**		**8,900**
Florence	250	67	200
Forest	500	66	400
Langlade	650	63 *	600
Marinette	1,400	40 *	1,100
Oconto	1,700	33 *	1,200
Shawano	2,300	27	1,600
N. E. District	**6,800**		**5,100**
Buffalo	4,900	6 *	4,000
Dunn	4,000	15 *	3,200
Eau Claire	2,500	25 *	2,100
Jackson	1,700	33 *	1,400
La Crosse	3,400	19	2,800
Monroe	4,100	14	3,400
Pepin	1,400	40 *	1,200
Pierce	5,000	5	4,300
St. Croix	4,400	11 *	4,000
Trempealeau	4,900	6 *	4,200
W. C. District	**36,300**		**30,600**
Adams	1,300	43 *	1,000
Green Lake	1,500	36 *	1,100
Juneau	1,900	31 *	1,600
Marquette	1,300	43 *	1,100
Portage	2,600	23 *	2,000
Waupaca	1,500	36 *	1,300
Waushara	1,000	53 *	700
Wood	2,000	30	1,600
C. District	**13,100**		**10,400**
Brown	1,200	46 *	1,100
Calumet	700	60 *	600
Door	800	58	700
Fond du Lac	1,600	35	1,500
Kewaunee	700	60 *	600
Manitowoc	1,000	53 *	1,000
Outagamie	1,500	36 *	1,200
Sheboygan	1,400	40 *	1,100
Winnebago	1,100	50 *	900
E. C. District	**10,000**		**8,700**

County	1990	Rank	1989
	Number		Number
Crawford	4,700	9	3,900
Grant	20,600	1	16,800
Iowa	9,800	2	8,600
Lafayette	9,400	3	7,600
Richland	4,000	15 *	3,500
Sauk	5,400	4	4,400
Vernon	4,300	13	3,800
S. W. District	**58,200**		**48,600**
Columbia	4,800	8	3,900
Dane	4,500	10	3,800
Dodge	2,900	21	2,300
Green	3,700	17	3,000
Jefferson	2,500	25 *	2,000
Rock	4,400	11 *	3,700
S. C. District	**22,800**		**18,700**
Kenosha	700	60 *	700
Milwaukee	150	69	100
Ozaukee	650	63 *	500
Racine	900	55	700
Walworth	1,500	36 *	1,400
Washington	1,100	50 *	1,100
Waukesha	1,200	46 *	900
S. E. District	**6,200**		**5,400**
State	**180,000**		**150,000**

*Tied.



CALF CROP: By Counties, Wisconsin, 1988-89

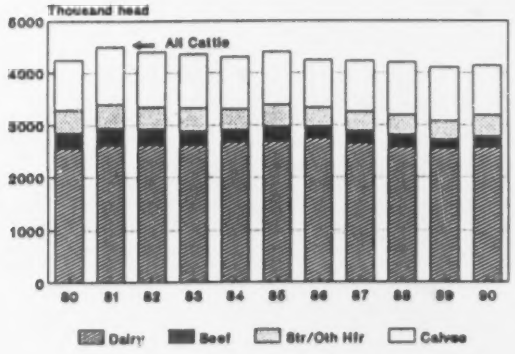
County	1989	Rank	1988 1/
	Number		Number
Barron	48,700	11	48,900
Bayfield	5,400	61	5,400
Burnett	6,700	59	6,900
Chippewa	55,400	6	55,200
Douglas	3,200	65	3,300
Polk	34,500	23	35,400
Rusk	18,500	44	18,800
Sawyer	3,800	64	4,000
Washburn	7,300	58	7,600
N. W. District	**183,500**		**185,500**
Ashland	3,900	63	3,900
Clark	68,700	3	68,100
Iron	500	68	400
Lincoln	10,300	54	10,700
Marathon	79,300	2	78,900
Oneida	300	70	300
Price	7,900	57	8,000
Taylor	27,600	34	28,000
Vilas	100	71	200
N. C. District	**198,600**		**198,500**
Florence	1,000	67	1,000
Forest	1,700	66	1,900
Langlade	11,400	50	11,500
Marinette	15,600	46	15,700
Oconto	28,700	30	28,600
Shawano	49,400	8	49,300
N. E. District	**107,800**		**108,000**
Buffalo	34,300	24	34,100
Dunn	42,500	16	43,900
Eau Claire	21,700	39	22,200
Jackson	19,500	40*	19,300
La Crosse	19,500	40*	19,700
Monroe	41,000	19	40,900
Pepin	11,800	49	11,900
Pierce	29,800	28	30,300
St. Croix	37,900	21	39,100
Trempealeau	41,700	17	41,900
W. C. District	**299,700**		**303,300**
Adams	4,000	62	4,100
Green Lake	14,400	48	14,400
Juneau	17,200	45	16,900
Marquette	8,700	55	8,800
Portage	19,100	42	19,000
Waupaca	36,400	22	36,700
Waushara	10,600	53	10,400
Wood	28,200	32	27,600
C. District	**138,600**		**137,900**
Brown	40,300	20	40,300
Calumet	31,100	27	31,600
Door	14,900	47	14,900
Fond du Lac	54,000	7	53,900
Kewaunee	31,800	25	31,200
Manitowoc	47,200	12*	47,800
Outagamie	47,000	14	48,100
Sheboygan	31,400	26	31,200
Winnebago	22,100	38	22,200
E. C. District	**319,800**		**321,200**
Crawford	23,000	37	22,600
Grant	80,700	1	80,300
Iowa	45,100	15	46,200
Lafayette	49,200	9	48,600
Richland	28,100	33	28,500
Sauk	41,600	18	42,000
Vernon	47,200	12*	47,500
S. W. District	**314,900**		**315,700**
Columbia	29,200	29	29,000
Dane	64,200	4	65,100
Dodge	58,500	5	58,600
Green	49,100	10	49,600
Jefferson	28,400	31	28,500
Rock	25,900	35	26,100
S. C. District	**255,300**		**256,900**
Kenosha	6,200	60	6,600
Milwaukee	400	69	400
Ozaukee	11,000	52	10,900
Racine	8,500	56	8,600
Walworth	18,900	43	20,000
Washington	25,500	36	25,100
Waukesha	11,300	51	11,400
S. E. District	**81,800**		**83,000**
State	**1,900,000**		**1,910,000**

*Tied. 1/Revised.

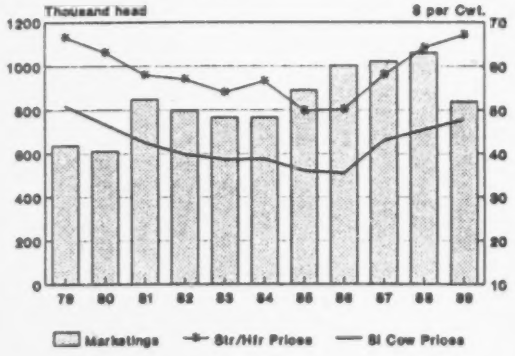
CATTLE AND CALVES: January 1 Inventory, Wisconsin, 1980-90

Year	All cattle and calves	Beef cows		Beef heifers		Milk cows		Dairy heifers	
		Number	Percent of all cattle	Number	Percent of beef cows	Number	Percent of all cattle	Number	Percent of milk cows
	1,000 head	1,000 head	Percent	1,000 head	Percent	1,000 head	Percent	1,000 head	Percent
1990	**4,170**	**180**	**4.3**	**32**	**17.8**	**1,760**	**42.2**	**810**	**46.0**
1989	4,130	150	3.6	30	20.0	1,740	42.1	795	45.7
1988	4,230	200	4.7	41	20.5	1,790	42.3	775	43.3
1987	4,260	190	4.5	47	24.7	1,825	42.8	814	44.6
1986	4,280	184	4.3	47	25.5	1,892	44.2	847	44.8
1985	4,440	230	5.2	65	28.3	1,837	41.4	835	45.5
1984	4,350	195	4.5	52	26.7	1,850	42.5	810	43.8
1983	4,400	220	5.0	48	21.8	1,840	41.8	774	42.1
1982	4,450	257	5.8	53	20.6	1,830	41.1	783	42.8
1981	4,550	279	6.1	63	22.6	1,820	40.0	780	42.9
1980	4,280	248	5.8	55	22.2	1,813	42.4	735	40.5

WISCONSIN CATTLE INVENTORY, JANUARY 1



WISCONSIN CATTLE MARKETINGS & PRICES



HOGS: December 1 Inventory, Wisconsin, 1980-89

Year	Breeding	% change from previous year	Market	% change from previous year	All hogs	% change from previous year	Value per head
	1,000 head	Percent	1,000 head	Percent	1,000 head	Percent	Dollars
1989	**175**	**- 5**	**1,075**	**- 1**	**1,250**	**- 2**	**81.00**
1988	185	n.c.	1,090	- 4	1,275	- 3	69.00
1987	185	+ 9	1,135	n.c.	1,320	+ 2	75.00
1986	170	n.c.	1,130	+ 5	1,300	+ 4	89.00
1985	170	- 10	1,080	- 3	1,250	- 4	67.00
1984	189	- 2	1,111	+ 2	1,300	+ 2	76.50
1983	192	- 10	1,088	+ 8	1,280	+ 5	54.50
1982	214	- 5	1,006	- 13	1,220	- 12	85.00
1981	225	- 16	1,155	- 18	1,380	- 18	64.50
1980	269	- 15	1,411	- 7	1,680	- 9	71.00

HOGS: Breeding Herd, United States, 1985-89

Year	March	June	September	December
	Million head			
1989	**7.08**	**7.33**	**6.87**	**6.87**
1988*	7.16	7.53	7.19	7.05
1987*	-	7.04	-	7.08
1986*	-	6.44	-	6.69
1985	-	7.00	-	6.78

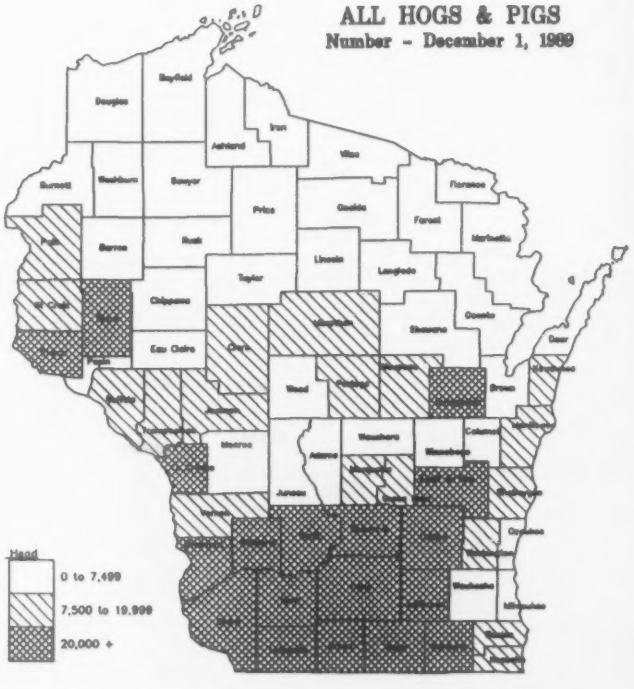
*Revised.

ALL HOGS AND PIGS: By Counties, Wisconsin, December 1, 1988-89

County	1989	Rank	1988 1/
	Number		Number
Barron	6,800	39 *	7,300
Bayfield	300	63 *	300
Burnett	2,500	53	2,400
Chippewa	3,200	50	3,000
Douglas	300	63 *	300
Polk	7,700	34 *	8,000
Rusk	1,200	57 *	1,300
Sawyer	1,100	59	1,400
Washburn	900	60 *	1,000
N. W. District	**24,000**		**25,000**
Ashland	200	66	200
Clark	9,600	28 *	9,700
Iron	-	-	-
Lincoln	1,200	57 *	1,100
Marathon	7,500	36	7,300
Oneida	600	62	700
Price	100	68	100
Taylor	1,800	55	1,900
Vilas	-	-	-
N. C. District	**21,000**		**21,000**
Florence	50	69	50
Forest	150	67	150
Langlade	300	63 *	300
Marinette	2,700	51 *	3,100
Oconto	7,000	38	7,300
Shawano	6,800	39 *	7,100
N. E. District	**17,000**		**18,000**
Buffalo	18,800	20	18,700
Dunn	20,100	18	20,000
Eau Claire	2,700	51 *	3,000
Jackson	7,700	34 *	6,600
La Crosse	29,200	10	28,000
Monroe	6,500	42	6,600
Pepin	5,800	46	5,900
Pierce	24,100	15	25,200
St Croix	17,500	21	18,100
Trempealeau	19,600	19	20,900
W. C. District	**152,000**		**153,000**
Adams	2,300	54	2,900
Green Lake	16,300	22	17,800
Juneau	6,400	43	6,800
Marquette	13,800	23	13,400
Portage	10,700	27	10,500
Waupaca	8,700	31	9,800
Waushara	5,100	48	5,500
Wood	6,700	41	7,300
C. District	**70,000**		**74,000**
Brown	5,600	47	6,600
Calumet	5,900	45	5,500
Door	1,500	56	1,700
Fond du Lac	27,800	11	28,100
Kewaunee	8,400	32	7,700
Manitowoc	13,600	24	16,300
Outagamie	26,300	13	27,500
Sheboygan	11,800	26	13,200
Winnebago	7,100	37	7,400
E. C. District	**108,000**		**114,000**

County	1989	Rank	1988 1/
	Number		Number
Crawford	21,300	17	21,800
Grant	187,100	1	189,000
Iowa	37,000	9	37,000
Lafayette	82,800	3	85,900
Richland	22,900	16	21,000
Sauk	77,300	4	76,800
Vernon	9,600	28*	9,500
S. W. District	**438,000**		**441,000**
Columbia	63,500	7	63,000
Dane	84,500	2	87,000
Dodge	65,500	6	68,300
Green	69,900	5	69,100
Jefferson	25,900	14	26,800
Rock	41,700	8	41,800
S. C. District	**351,000**		**356,000**
Kenosha	7,900	33	8,300
Milwaukee	900	60*	1,000
Ozaukee	4,700	49	5,600
Racine	13,400	25	15,000
Walworth	26,700	12	27,600
Washington	9,400	30	9,700
Waukesha	6,000	44	5,800
S. E. District	**69,000**		**73,000**
State	**1,250,000**		**1,275,000**

*Tied. 1/Revised.



HOGS: Feeding and Breeding Shipped Out of Wisconsin, 1984-89 1/

State	1989	1988	1987	1986	1985	1984
	Number					
Maine	-	-	-	-	550	-
New Jersey	3,277	3,284	76	-	-	-
Massachusetts	-	600	1,201	955	3,080	6,058
New York	17	-	-	-	-	-
Pennsylvania	713	513	744	523	234	326
Ohio	14,113	14,946	18,021	33,790	31,331	26,799
Indiana	7,852	8,420	14,128	14,966	14,169	15,468
Illinois	73,487	85,147	87,738	74,357	123,873	77,890
Michigan	3,381	5,402	12,768	8,392	18,024	31,264
Minnesota	36,769	37,063	24,057	16,755	21,867	34,041
Iowa	77,845	73,804	69,336	62,706	92,912	136,006
Missouri	567	167	185	155	272	242
North Dakota	99	349	54	16	53	31
South Dakota	3,140	3,330	3,056	3,561	2,786	8,499
Nebraska	5,132	4,700	521	421	1,636	5,830
Kansas	1,013	312	257	50	12	38
Delaware	80	-	-	2	-	-
Maryland	585	387	210	-	-	-
Virginia	-	-	13	-	-	-
North Carolina	2,638	241	718	940	181	307
South Carolina	397	8	-	5	11	1
Georgia	173	6	-	2	-	22
Florida	1	-	-	113	-	-
Kentucky	3,490	5,859	7,448	8,467	8,249	8,110
Tennessee	482	36	64	97	37	45
Alabama	-	13	-	-	-	606
Mississippi	4	12	19	8	-	-
Arkansas	2,324	557	2	-	30	72
Oklahoma	32	66	92	48	87	29
Texas	67	119	179	127	229	185
Louisiana	-	2	-	-	-	-
Utah	-	-	2	-	-	-
Montana	459	590	369	379	44	10
Wyoming	14	18	31	13	18	-
Colorado	26	17	722	-	4	-
Arizona	25	38	-	-	20	2
Washington	7	-	-	-	-	3
California	328	63	411	-	31	34
Idaho	42	-	-	-	-	25
Oregon	-	54	2	-	-	-
Nevada	1	1	-	-	-	-
Alaska	-	-	-	9	1	-
United States	238,581	246,124	242,424	226,857	319,741	351,945
Outside United States	2,307	1,173	2,055	3,321	4,285	1,827
Total	240,888	247,297	244,479	230,178	324,026	353,772

1/Permits issued by the Division of Animal Health, Wisconsin Department of Agriculture, Trade and Consumer Protection, almost entirely for feeding.

HOGS: Feeding and Breeding Shipped Out of Wisconsin, By Months, 1982-89 1/

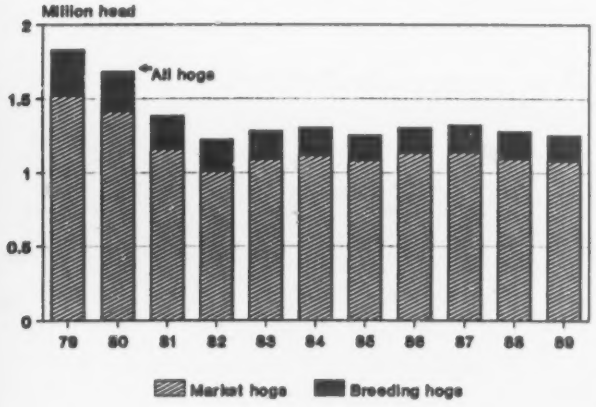
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	1,000 head												
1989	**20.8**	**15.8**	**22.5**	**15.9**	**22.6**	**23.1**	**22.3**	**18.0**	**22.3**	**19.7**	**22.1**	**15.8**	**240.9**
1988	20.5	20.3	20.0	20.4	20.3	19.9	17.0	17.8	23.4	20.7	24.1	22.7	247.3
1987	19.0	17.7	21.0	20.1	19.8	20.5	23.0	20.3	19.7	22.1	22.4	18.9	244.5
1986	19.8	15.9	19.5	17.2	16.0	17.8	16.0	21.4	23.7	23.7	18.7	20.7	230.2
1985	32.1	66.6	20.3	20.2	24.8	25.5	20.3	21.2	19.7	26.8	24.0	22.7	324.0
1984	35.9	26.5	28.3	28.3	30.3	39.9	30.5	30.3	27.5	32.2	25.3	18.9	353.8
1983	42.0	32.4	34.7	36.7	31.3	47.3	32.6	27.7	26.3	30.3	41.5	35.9	418.6
1982	38.4	35.9	32.1	39.5	36.8	36.8	85.4	44.8	35.5	51.4	53.8	52.7	543.1

1/Permits issued by the Division of Animal Health, Wisconsin Department of Agriculture, Trade and Consumer Protection, primarily for feeding. Months will not necessarily add to annual total due to rounding.

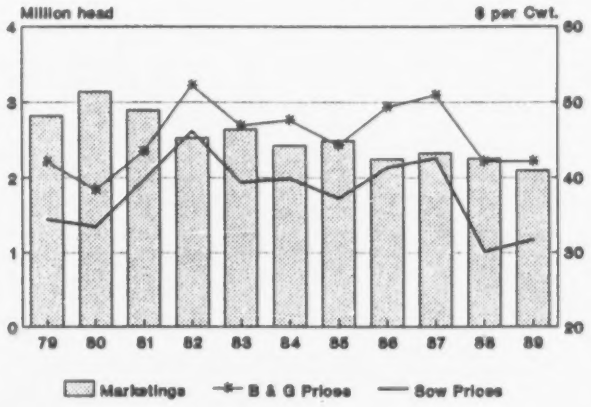
HOGS: Number on Farms and Value, Wisconsin, December 1, 1982-89

Year	All hogs and pigs	Farm value		Breeding hogs	Market hogs			
		Per head	Total		< 60 lbs	60-119 lbs	120-179 lbs	180+ lbs
	1,000 head	Dollars	1,000 dollars	1,000 head				
1989	**1,250**	**81.00**	**101,250**	**175**	**390**	**291**	**212**	**182**
1988	1,275	69.00	87,975	185	415	273	229	173
1987	1,320	75.00	99,000	185	445	270	225	195
1986	1,300	89.00	115,700	170	430	272	227	201
1985	1,250	67.00	83,750	170	435	270	200	175
1984	1,300	76.50	99,450	189	478	272	200	161
1983	1,280	54.50	69,760	192	496	262	184	146
1982	1,220	85.00	103,700	214	473	247	165	121

WISCONSIN HOG INVENTORY, DECEMBER 1



WISCONSIN HOG MARKETINGS & PRICES



HOGS: Production, Disposition, and Income, Wisconsin, 1982-89

Year	All hogs December 1 previous year	Spring pig crop		Fall pig crop		Inshipments	Marketings	Slaughter on farms	Deaths
		Sows farrowing	Pigs saved	Sows farrowing	Pigs saved				
	1,000 head								
1989	**1,275**	**140**	**1,061**	**140**	**1,099**	**14**	**2,095**	**4**	**100**
1988*	1,320	153	1,185	153	1,146	12	2,257	6	125
1987	1,300	160	1,232	155	1,194	12	2,327	6	85
1986	1,250	160	1,232	150	1,140	24	2,248	8	90
1985	1,300	165	1,320	149	1,177	42	2,491	8	90
1984	1,280	170	1,275	160	1,232	31	2,423	10	85
1983	1,220	190	1,463	170	1,309	35	2,642	15	90
1982	1,380	160	1,232	160	1,248	34	2,524	20	130

Year	Production	Marketings	Price per 100 pounds	Cash receipts	Value of home consumption	Gross income	All hogs December 1 current year
	1,000 pounds		Dollars	1,000 dollars			1,000 head
1989	**496,052**	**497,945**	**41.00**	**207,138**	**1,175**	**208,313**	**1,250**
1988*	534,181	535,882	40.80	221,482	1,726	223,208	1,275
1987	563,475	558,166	50.10	284,202	1,413	285,615	1,320
1986	518,778	507,398	48.30	249,898	1,816	251,714	1,300
1985	546,158	550,385	43.20	242,527	1,590	244,117	1,250
1984	531,093	522,830	46.50	248,503	2,139	250,642	1,300
1983	570,785	563,034	45.60	262,417	2,753	265,170	1,280
1982	496,180	514,660	51.00	275,177	4,692	279,869	1,220

*Revised.

SHEEP AND LAMBS: Production, Disposition, and Income, Wisconsin, 1982-90

Year	All sheep and lambs January 1	Lambs saved		Inshipments	Marketings		Slaughter on farms	Deaths	
		Number	Percent of ewes 1 year and older	Sheep and lambs	Sheep	Lambs	Sheep and lambs	Sheep	Lambs
	1,000 head		Percent	1,000 head					
1990	105								
1989*	94	100	152	4	5	70	0	5	13
1988*	93	85	135	2	9	65	0	5	7
1987*	96	84	135	2	16	58	1	7	7
1986*	90	84	131	4	9	58	1	6	8
1985*	100	85	129	1	10	70	1	6	9
1984*	94	88	133	3	7	62	1	6	9
1983	99	85	125	5	7	70	1	7	10
1982	125	105	130	4	25	82	1	13	14

Year	Production	Marketings	Price per 100 pounds		Cash receipts
			Sheep	Lambs	
	1,000 pounds		Dollars		1,000 dollars
1989	9,620	8,610	16.00	63.70	5,151
1988	8,667	8,605	18.20	65.20	5,018
1987*	8,222	8,745	24.50	74.10	5,369
1986*	7,022	6,924	21.10	68.30	4,262
1985*	7,170	8,252	16.40	68.90	5,108
1984*	7,116	6,544	11.10	63.40	3,669
1983*	7,283	8,066	11.00	55.00	4,020
1982	7,601	10,848	13.70	54.00	4,657

*Revised.

SHEEP AND LAMBS: Number on Farms and Value, Wisconsin, January 1, 1982-90

Year	All sheep and lambs			Sheep and lambs on feed	Stock sheep and lambs					
	Number	Farm value			Total	One year and over		Lambs		
		Per head	Total			Ewes	Wethers and rams	All lambs	Ewes	Wethers and rams
	1,000 head	Dollars	1,000 dollars	1,000 head	1,000 head					
1990	105	83.50	8,768	15	90	71	4	15	13	2
1989*	94	88.00	8,272	9	85	66	4	15	12	3
1988*	93	93.50	8,696	10	83	63	4	16	13	3
1987*	96	77.00	7,392	7	89	62	5	22	14	8
1986*	90	70.00	6,300	11	79	64	5	10	8	2
1985*	100	68.00	6,800	15	85	66	5	14	11	3
1984*	94	57.00	5,358	10	84	66	5	13	10	3
1983	99	54.00	5,346	14	85	68	4	13	11	2
1982	125	64.00	8,000	15	110	81	5	24	20	4

*Revised.

WOOL PRODUCTION: Wisconsin, 1982-89

Year	Number of sheep shorn	Weight per fleece	Total production
	1,000 head	Pounds	1,000 pounds
1989	94	7.3	687
1988	94	7.5	705
1987*	93	7.6	709
1986*	95	7.4	700
1985*	96	7.3	702
1984	100	7.3	734
1983	107	7.5	803
1982	101	7.5	760

*Revised.

WOOL VALUE: Wisconsin, 1982-89

Year	Total production	Price per pound	Farm value
	1,000 pounds	Cents	1,000 dollars
1989	687	77	529
1988	705	77	543
1987*	709	57	404
1986*	700	44	308
1985*	702	43	302
1984	734	54	396
1983	803	39	313
1982	760	44	334

*Revised.

STOCK SHEEP: By Counties, Wisconsin, January 1, 1989-90

County	1990	Rank	1989 1/
	Number		Number
Barron	1,500	18*	1,400
Bayfield	600	44*	500
Burnett	700	40*	700
Chippewa	1,000	34*	900
Douglas	300	56*	300
Polk	2,500	10	2,200
Rusk	400	52*	400
Sawyer	500	48*	500
Washburn	600	44*	600
N. W. District	**8,100**		**7,500**
Ashland	300	56*	350
Clark	1,400	21*	1,300
Iron	100	66*	100
Lincoln	300	56*	300
Marathon	1,900	13*	1,700
Oneida	50	68*	50
Price	250	61	200
Taylor	300	56*	300
Vilas	0	71*	
N. C. District	**4,600**		**4,300**
Florence	100	66*	100
Forest	50	68*	50
Langlade	300	56*	250
Marinette	200	62*	200
Oconto	500	48*	500
Shawano	450	51	400
N. E. District	**1,600**		**1,500**
Buffalo	1,200	28*	1,200
Dunn	2,000	12	1,700
Eau Claire	400	52*	400
Jackson	1,700	16*	1,600
La Crosse	1,400	21*	1,200
Monroe	1,100	32*	900
Pepin	200	62*	200
Pierce	3,400	6	3,100
St Croix	2,200	11	2,200
Trempealeau	1,700	16*	1,500
W. C. District	**15,300**		**14,000**
Adams	200	62*	200
Green Lake	1,200	28*	1,300
Juneau	800	36*	800
Marquette	1,400	21*	1,300
Portage	500	48*	3,600
Waupaca	1,000	34*	900
Waushara	600	44*	600
Wood	1,400	21*	1,200
C. District	**7,100**		**9,900**
Brown	700	40*	600
Calumet	550	47	500
Door	400	52*	300
Fond du Lac	1,200	28*	1,300
Kewaunee	200	62*	150
Manitowoc	650	43	600
Outagamie	800	36*	700
Sheboygan	800	36*	750
Winnebago	1,200	28*	1,000
E. C. District	**6,500**		**5,900**

County	1990	Rank	1989 1/
	Number		Number
Crawford	1,400	21*	1,000
Grant	3,900	4	3,500
Iowa	3,500	5	3,200
Lafayette	2,800	7*	2,400
Richland	1,800	15	1,600
Sauk	2,800	7*	2,800
Vernon	1,900	13*	1,500
S. W. District	**18,100**		**16,000**
Columbia	5,400	2	5,100
Dane	6,800	1	6,600
Dodge	1,500	18*	1,400
Green	2,800	7*	2,100
Jefferson	1,100	32*	1,000
Rock	4,900	3	4,000
S. C. District	**22,500**		**20,200**
Kenosha	750	39	700
Milwaukee	50	68*	50
Ozaukee	400	52*	400
Racine	1,400	21*	1,300
Walworth	1,500	18*	1,300
Washington	700	40*	650
Waukesha	1,400	21*	1,300
S. E. District	**6,200**		**5,700**
State	**90,000**		**85,000**

*Tied. 1/Revised.

LAYERS AND EGG PRODUCTION: By Counties, Wisconsin, 1988-89

County	Layers—December 1		Egg production		
	1989	1988 1/	1989	Rank	1988 1/
	Number		1,000 eggs		1,000 eggs
Barron	2,800	3,400	750	42 *	710
Bayfield	9,700	9,400	2,050	29	2,070
Burnett	1,000	1,200	270	62	230
Chippewa	42,900	45,100	11,330	16	14,140
Douglas	24,500	23,400	6,140	20	5,670
Polk	2,900	3,300	750	42 *	790
Rusk	1,600	2,000	440	55	440
Sawyer	400	400	100	65	80
Washburn	700	700	170	64	170
N. W. District	**86,500**	**88,900**	**22,000**		**24,300**
Ashland	1,200	1,400	310	60 *	360
Clark	6,100	7,000	1,560	30	1,815
Iron	100	100	25	70 *	30
Lincoln	1,500	1,700	380	57 *	410
Marathon	5,800	13,000	2,470	28	3,860
Oneida	200	200	50	68 *	70
Price	1,200	1,400	310	60 *	350
Taylor	2,600	3,000	670	47 *	780
Vilas	100	100	25	70 *	25
N. C. District	**18,800**	**27,900**	**5,800**		**7,700**
Florence	300	300	70	66 *	50
Forest	300	300	70	66 *	70
Langlade	4,700	5,400	1,350	33	1,240
Marinette	2,000	2,400	560	51	570
Oconto	10,900	12,400	3,080	24	2,410
Shawano	4,200	7,100	1,370	32	1,660
N. E. District	**22,400**	**27,900**	**6,500**		**6,000**
Buffalo	56,100	64,500	15,850	10	18,140
Dunn	41,200	71,600	13,990	13	19,000
Eau Claire	2,700	3,400	740	44	900
Jackson	16,100	16,800	4,280	21	4,400
La Crosse	2,600	3,100	690	46	810
Monroe	4,200	5,200	1,140	35	1,300
Pepin	1,000	1,100	260	63	310
Pierce	3,400	4,200	920	37	1,060
St Croix	12,200	13,700	3,010	25	3,910
Trempealeau	93,300	125,400	25,620	5	22,970
W. C. District	**232,800**	**309,000**	**66,500**		**72,800**
Adams	1,400	1,500	340	59	390
Green Lake	10,800	11,100	2,820	26	4,190
Juneau	18,400	53,200	8,950	17	13,900
Marquette	2,700	2,800	650	49	720
Portage	15,200	21,300	3,930	22	5,890
Waupaca	4,600	5,600	1,200	34	1,430
Waushara	2,100	2,500	540	53	710
Wood	3,000	3,500	770	41	870
C. District	**58,200**	**101,500**	**19,200**		**28,100**
Brown	3,700	4,100	910	38	1,000
Calumet	1,500	1,700	380	57 *	430
Door	1,700	1,900	420	56	480
Fond du Lac	36,400	37,900	8,880	18	11,200
Kewaunee	2,900	3,300	730	45	800
Manitowoc	67,400	62,400	15,360	11	15,930
Outagamie	57,800	56,400	14,250	12	16,400
Sheboygan	10,000	11,600	2,720	27	3,030
Winnebago	74,200	79,000	18,150	9	15,930
E. C. District	**255,600**	**258,300**	**61,800**		**65,200**

LAYERS AND EGG PRODUCTION: By Counties, Wisconsin, 1988-89, Continued

County	Layers—December 1		Egg production		
	1989	1988 1/	1989	Rank	1988 1/
	Number		1,000 eggs		1,000 eggs
Crawford	3,900	4,200	890	39	1,020
Grant	51,100	51,400	12,370	14	12,610
Iowa	84,400	81,600	21,120	8	21,900
Lafayette	3,800	4,100	870	40	940
Richland	2,400	2,600	550	52	620
Sauk	301,000	300,000	66,260	3	73,080
Vernon	24,800	24,900	6,540	19	7,230
S. W. District	**471,400**	**468,800**	**108,600**		**117,400**
Columbia	92,200	89,200	23,910	6	27,040
Dane	219,300	224,200	56,890	4	61,280
Dodge	75,100	77,000	21,220	7	21,860
Green	1,900	2,300	510	54	600
Jefferson	1,424,800	1,153,000	325,820	1	319,760
Rock	4,200	4,400	1,050	36	1,760
S. C. District	**1,817,500**	**1,550,100**	**429,400**		**432,300**
Kenosha	2,600	2,700	640	50	700
Milwaukee	200	200	50	68*	50
Ozaukee	11,700	13,700	3,470	23	3,890
Racine	4,800	7,100	1,460	31	3,560
Walworth	441,900	441,500	109,770	2	102,880
Washington	47,900	44,600	12,140	15	12,460
Waukesha	2,700	2,800	670	47*	660
S. E. District	**511,800**	**512,600**	**128,200**		**124,200**
State	**3,475,000**	**3,345,000**	**848,000**		**878,000**

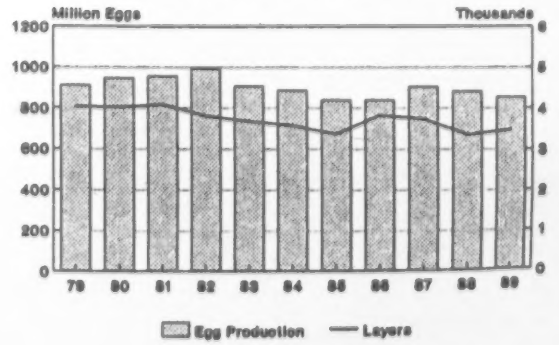
*Tied. 1/Revised

CHICKENS: Number on Farms Wisconsin, December 1, 1982-89

Year	Total chickens 1/	Hens and pullets of laying age			Other pullets 2/
		Total	Hens 1 yr.+	Pullets	
	Thousands				
1989	4,200	3,475	1,075	2,400	700
1988	4,205	3,345	1,515	1,830	835
1987*	4,440	3,730	1,570	2,160	680
1986*	4,555	3,815	1,865	1,950	688
1985	4,350	3,360	1,450	1,910	960
1984*	4,635	3,575	1,515	2,060	1,030
1983	4,540	3,670	1,520	2,150	850
1982	4,800	3,800	1,764	2,036	980

1/Excludes commercial broilers. 2/Pullets not of laying age *Revised.

WISCONSIN LAYERS & EGG PRODUCTION, DECEMBER 1



CHICKENS: Production and Value, 1982-89 1/

Year	All chickens December 1 previous year	Quantity			Price per pound	Value of sales	All chickens December 1 end of year
		Added	Lost 2/	Sold			
	1,000 year				Cents	1,000 dollars	1,000 head
1989	**4,205**	**2,945**	**350**	**2,600**	**13.0**	**1,284**	**4,200**
1988	4,440	3,215	500	2,950	9.0	1,009	4,205
1987*	4,555	2,265	280	2,100	9.0	718	4,440
1986*	4,350	2,615	310	2,100	12.0	958	4,555
1985*	4,635	2,015	400	1,900	13.0	939	4,350
1984*	4,540	3,040	480	2,465	12.5	1,541	4,635
1983	4,800	2,720	460	2,520	10.5	1,323	4,540
1982	5,130	2,590	420	2,500	9.2	1,150	4,800

1/Annual estimates cover the period December 1 previous year through November 30. 2/Includes death and other losses during the 12-month period. *Revised.

EGGS: Production and Value, Wisconsin, 1982-89 1/

Year	Average number of layers during year	Eggs per year	Eggs produced	Price per dozen	Value of production
	1,000	Number	Million eggs	Cents	1,000 dollars
1989	**3,326**	**256**	**852**	**55.0**	**39,050**
1988*	3,448	256	881	38.4	28,192
1987*	3,699	244	902	43.0	32,322
1986*	3,430	245	839	50.0	34,958
1985*	3,389	247	837	45.0	31,388
1984*	3,537	250	885	62.0	45,725
1983	3,622	250	906	49.0	36,995
1982	4,040	245	991	46.0	37,988

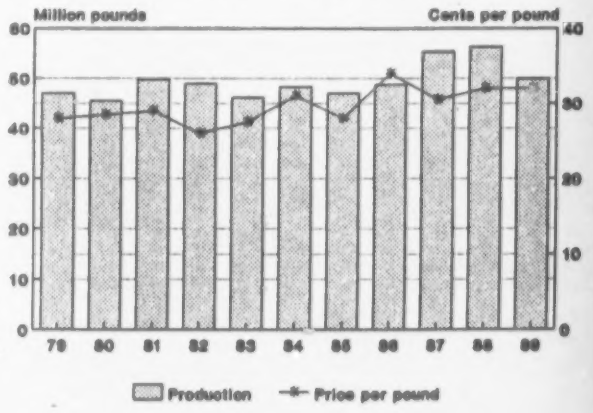
1/Annual estimates cover the period December 1 previous year through November 30. *Revised.

BROILERS 1/
Production and Gross Income, Wisconsin, 1982-89

Year	Production		Price per pound	Gross income
	Number	Quantity		
	1,000 head	1,000 pounds	Cents	1,000 dollars
1989	**11,600**	**49,880**	**32.0**	**15,962**
1988	13,100	56,330	32.0	18,026
1987	13,200	55,440	30.5	16,909
1986	11,600	48,720	34.0	16,565
1985	11,200	47,040	28.0	13,171
1984	11,500	48,300	31.0	14,973
1983	11,270	46,207	27.5	12,707
1982	11,650	48,930	26.0	12,722

1/Annual estimates cover the period December 1 previous year through November 30.

WISCONSIN BROILERS, PRODUCTION & PRICE



HENS AND PULLETS OF LAYING AGE: By Quarter, Wisconsin, 1982-89

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average 1/
	Thousands												
1989	3,231 *	—	—	3,235 *	—	—	3,388 *	—	—	3,448 *	—	—	3,326
1988**	3,663 *	—	—	3,470 *	—	—	3,330 *	—	—	3,330 *	—	—	3,448
1987**	3,783 *	—	—	3,721 *	—	—	3,635 *	—	—	3,656 *	—	—	3,699
1986**	3,360 *	—	—	3,360 *	—	—	3,337 *	—	—	3,515 *	—	—	3,430
1985**	3,470	3,430	3,400	3,400	3,390	3,350	3,340	3,330	3,300	3,340	3,381	3,380	3,389
1984**	3,720	3,705	3,660	3,650	3,590	3,470	3,410	3,400	3,430	3,310	3,388	3,538	3,537
1983	3,750	3,781	3,800	3,731	3,695	3,576	3,476	3,455	3,420	3,460	3,541	3,710	3,622
1982	4,176	4,226	—	4,100 *	—	—	3,990 *	—	—	3,900 *	—	3,791	4,040

1/Annual average covers the period December 1 previous year through November 30. *Average layers during quarter. **Revised.

EGG PRODUCTION: By Quarter, Wisconsin, 1982-89

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1/
	Million eggs												
1989	203 *	—	—	211 *	—	—	217 *	—	—	221 *	—	—	852
1988**	234 *	—	—	223 *	—	—	214 *	—	—	210 *	—	—	881
1987**	201 *	—	—	224 *	—	—	241 *	—	—	236 *	—	—	902
1986**	203 *	—	—	212 *	—	—	214 *	—	—	210 *	—	—	839
1985**	75	64	68	68	73	70	73	72	67	66	66	69	837
1984**	75	72	78	76	75	70	73	75	73	72	69	75	885
1983	74	68	82	76	77	75	76	76	72	75	76	77	906
1982	86	78	—	254 *	—	—	247 *	—	—	240 *	—	79	991

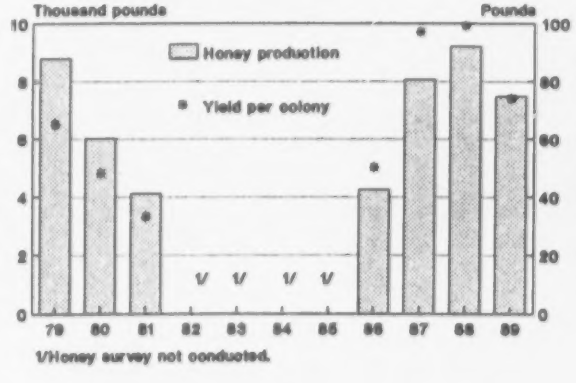
1/Annual total covers the period December 1 previous year through November 30. *Eggs produced during quarter. **Revised.

HONEY: Production and Value, Wisconsin 1979-89

Year	Colonies of bees	Yield per colony	Honey		
			Production	Price per pound	Value of production
	1,000 colonies	Pounds	1,000 pounds	Cents	1,000 dollars
1989	101	74	7,474	60.0	4,484
1988 *	93	99	9,207	54.0	4,972
1987	83	97	8,051	48.0	3,864
1986	85	50	4,250	52.0	2,210
1982 1/	-	-	-	-	-
1981	125	33	4,125	64.0	2,640
1980	125	48	6,000	58.0	3,480
1979	135	65	8,775	57.6	5,054

1/Estimates discontinued 1982 through 1985. *Revised.

HONEY PRODUCTION AND YIELD

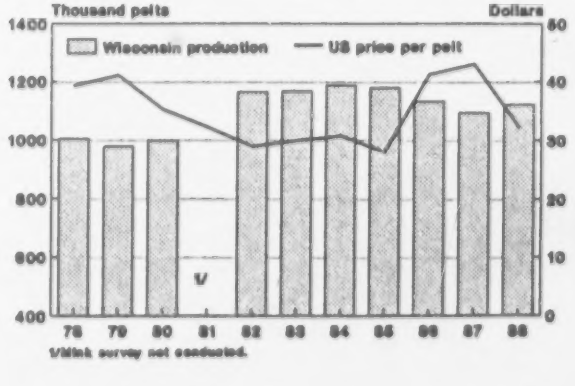


MINK: Number of Ranches, Pelts Produced, and Females Bred, Wisconsin, 1982-89

Year	Mink ranches	Pelts produced	Females bred
	Number	Thousands	
1989	NA	NA	304
1988	209	1,122	311
1987	213	1,095	295
1986	228	1,133	291
1985	235	1,179	313
1984	241	1,189	310
1983	252	1,169	315
1982	263	1,164	1/

1/Mink survey not conducted in 1982. NA = not available.

MINK PELT PRODUCTION AND PRICE



Dairy

Milk production in Wisconsin during 1989 totaled 24.0 billion pounds, a decrease of 4 percent from 1988. Production was below the previous year for each month. The greatest decreases occurred from June through September when production was 5 to 8 percent lower than in 1988.

Milk cow numbers continued to decline during the first quarter of 1989. The March 1, 1989 inventory of 1,730,000 milk cows was the lowest number since 1916. The number of cows began to increase in April and totaled 1,759,000 by the end of the year. Production per cow for 1989 averaged 13,801 pounds, down 404 pounds from 1988. There were 34,000 dairy farms in the state during 1989, a decrease of 2,000 farms from the previous year.

Receipts from dairying totaled $3.2 billion in 1989, a gain of 8 percent from 1988 as higher prices offset lower production. Monthly milk prices averaged $13.45 per hundredweight for 1989, an increase of $1.48 over 1988 and 7 cents above the previous high in 1981. Prices started the year at $13.17 in January and fell to $12.14 by May. Prices then climbed monthly for the rest of 1989 with new record increases of 97 cents in September and then $1.08 in October. The record high of $16.29 for all milk in Wisconsin was set in December 1989.

A major contributor to the increases in milk prices during the second half of 1989 was higher cheese prices at the National Cheese Exchange in Green Bay. Cheddar cheese prices for barrels and blocks rose 30 to 32 cents per pound from mid-May to mid-November. Cheese production utilizes 79 percent of Wisconsin's total milk supply.

The Minnesota-Wisconsin manufacturing grade milk price series, which is used as the base for pricing Grade A milk throughout the Federal Milk Marketing Orders in the United States also set record highs for the year. Between April and December the M-W price increased $3.84 per hundredweight, the largest sustained gain for the M-W price since its inception in 1961.

The annual quantity of grain and other concentrates fed per milk cow in 1989 was 5,240 pounds. The ration value averaged $8.33 per hundred pounds, an increase of 45 cents from 1988.

Wisconsin dairy plants manufactured 1.8 billion pounds of cheese in 1989, down 2.8 percent from 1988. The state accounted for 33 percent of the national cheese output. Production of American cheese totaled 924 million pounds for 1989, a decline of 7 percent from the previous year. Fifty percent of all cheese made in Wisconsin was of the American variety.

Production of Italian cheese continued to increase, reaching a record high of 678 million pounds in 1989.

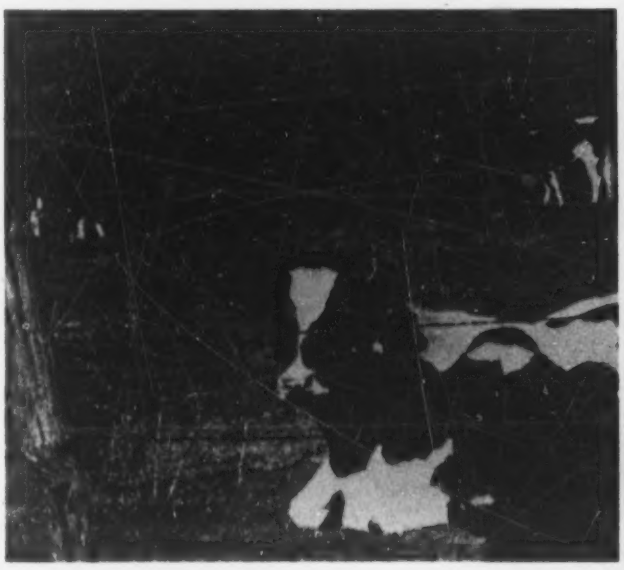


Photo courtesy of Wisconsin State Journal

Output of Italian cheese was up 2 percent from 1988 and accounted for 37 percent of all cheese produced in the state. Italian cheese production has more than doubled since 1981.

Output of Swiss cheese, at 44 million pounds in 1989, was 18 percent less than in 1988. Muenster production amounted to nearly 75 million pounds in 1989, up 4 percent from a year earlier. The brick cheese output of 7.6 million pounds was 10 percent below 1988. Blue cheese production totaled 22 million pounds, up 4 percent from the previous year. All other varieties, including cream cheese, increased 15 percent in 1989.

Processed cheese production amounted to 531 million pounds in 1989, a decline of 6 percent from the previous year. Output of processed cheese foods and spreads totaled 253 million pounds, down 2 percent from a year earlier. The cold pack cheese production of 72 million pounds was down 15 percent from 1988.

Wisconsin's 1989 butter production of 319 million pounds was 8 percent higher than in 1988. The state accounted for 25 percent of the national butter production. Production of nonfat dry milk for human food totaled 51 million pounds in 1989, down 15 percent from a year earlier.

Total production of sweetened and unsweetened condensed whole and skim milk during 1989 was down 29 percent from 1988. The 1989 ice cream production of 21 million gallons was 1 percent above the previous year.

DISPOSITION OF MILK PRODUCED: Wisconsin, 1982-89

Year	Milk used on farms where produced			Milk sold from farms		
	Fed to calves	Consumed as milk or cream	Total	To plants and dealers	Direct to consumers	Total
	Million pounds					
1989	**240**	**96**	**336**	**23,660**	**4**	**23,664**
1988*	250	100	350	24,644	6	24,650
1987	248	124	372	24,420	8	24,428
1986	319	122	441	24,050	9	24,059
1985	346	124	470	24,220	10	24,230
1984	427	173	600	22,890	11	22,901
1983	390	167	557	23,230	13	23,243
1982	381	156	537	22,680	13	22,693

*Revised.

SALES AND INCOME FROM MILK: Wisconsin, 1982-89

Year	Milk sold to plants and dealers at wholesale			Milk sold directly to consumers		
	Quantity	Price per 100 pounds	Value	Quantity (milk equivalent)	Price per quart	Value
	Million pounds	Dollars	1,000 dollars	Million quarts	Cents	1,000 dollars
1989	**23,660**	**13.45**	**3,182,270**	**2**	**47**	**874**
1988*	24,644	11.97	2,949,887	3	43	1,200
1987	24,420	12.15	2,967,030	4	42	1,563
1986	24,050	12.16	2,924,480	4	41	1,716
1985	24,220	12.27	2,971,794	5	42	1,953
1984	22,890	13.13	3,005,457	5	41	2,098
1983	23,230	13.23	3,073,329	6	41	2,479
1982	22,680	13.22	2,998,296	6	40	2,419

Year	Combined value of milk and cream sold and direct sales				Value of milk consumed in households where produced	Value of milk fed to calves	Value of milk produced on farms
	Milk utilized	Per 100 pounds milk	Per pound milkfat	Value			
	Million pounds	Dollars	Dollars	1,000 dollars	1,000 dollars		
1989	**23,664**	**13.45**	**3.59**	**3,183,144**	**12,913**	**32,280**	**3,228,341**
1988*	24,650	11.97	3.23	2,951,087	11,972	29,925	2,992,989
1987	24,428	12.15	3.29	2,968,593	15,069	30,138	3,013,800
1986	24,059	12.16	3.27	2,926,196	14,838	38,799	2,979,833
1985	24,230	12.27	3.31	2,973,747	15,219	42,465	3,031,431
1984	22,901	13.13	3.51	3,007,555	22,720	56,077	3,086,352
1983	23,243	13.23	3.55	3,075,808	22,100	51,690	3,149,598
1982	22,693	13.22	3.55	3,000,715	20,628	50,380	3,071,723

*Revised.

MILK COWS: Percent of Fat in Milk, and Production of Milk and Milkfat, Wisconsin, 1982-89

Year	Average number of milk cows on farms 1/	Production per milk cow		Percent of fat in milk	Total production	
		Milk	Milkfat		Milk	Milkfat
	1,000 head	Pounds		Percent	Million pounds	
1989	**1,739**	**13,801**	**518**	**3.75**	**24,000**	**900**
1988*	1,760	14,205	527	3.71	25,000	928
1987	1,795	13,816	510	3.69	24,800	915
1986	1,853	13,222	492	3.72	24,500	911
1985	1,876	13,166	488	3.71	24,700	916
1984	1,828	12,856	481	3.74	23,501	879
1983	1,845	12,900	481	3.73	23,800	888
1982	1,835	12,659	472	3.73	23,230	867

1/Excludes heifers not yet fresh. *Revised.

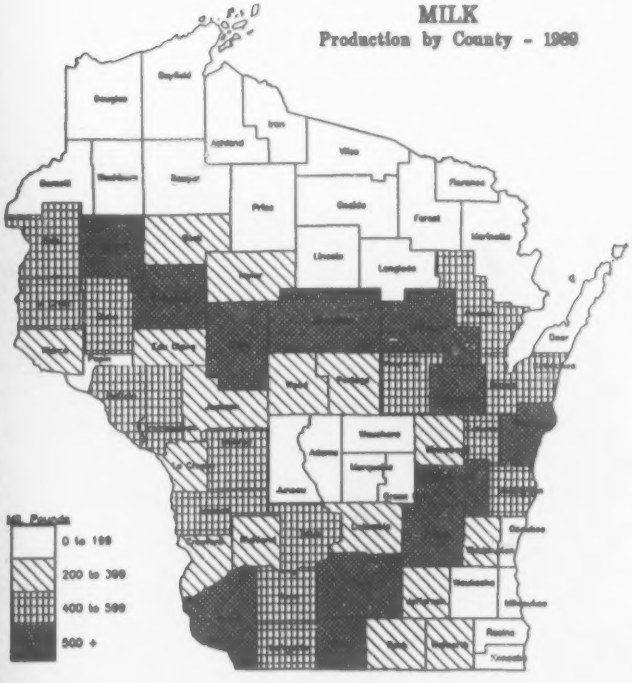
MILK COWS: Production Per Cow, And Total Milk Production, By Counties, Wisconsin, 1988-89

County	1989 1/				1988 2/		
	Number of cows 3/	Milk per cow	Production		Number of cows 3/	Milk per cow	Total Production
			Quantity	Rank			
	Number	Pounds	1,000 pounds		Number	Pounds	1,000 pounds
Barron	46,500	13,200	613,800	12	47,100	13,500	635,850
Bayfield	4,800	13,200	63,360	61	4,800	13,200	63,360
Burnett	5,700	13,300	75,810	60	6,000	13,600	81,600
Chippewa	52,800	13,600	718,080	7	52,800	14,000	739,200
Douglas	1,500	12,500	18,750	65	1,500	12,600	18,900
Polk	31,500	13,800	434,700	25	32,600	14,100	459,660
Rusk	17,400	11,900	207,060	44	17,900	12,200	218,380
Sawyer	3,000	13,200	39,600	64	3,100	13,200	40,920
Washburn	5,700	14,200	80,940	58	5,900	14,300	84,370
N. W. District	**168,900**	**13,334**	**2,252,100**		**171,700**	**13,641**	**2,342,240**
Ashland	3,400	13,100	44,540	62	3,500	13,200	46,200
Clark	65,900	13,400	883,060	2	66,000	14,000	924,000
Iron	400	12,100	4,840	68	400	13,000	5,200
Lincoln	9,500	13,500	128,250	54	10,000	14,100	141,000
Marathon	75,700	14,000	1,059,800	1	75,700	14,700	1,112,790
Oneida	200	11,300	2,260	70	200	12,200	2,440
Price	7,000	11,600	81,200	57	7,200	12,100	87,120
Taylor	26,400	14,000	369,600	30	27,000	14,600	394,200
Vilas	-	-	-		-	-	-
N. C. District	**188,500**	**13,653**	**2,573,550**		**190,000**	**14,279**	**2,712,950**
Florence	800	14,200	11,360	67	800	14,800	11,840
Forest	1,300	13,600	17,680	66	1,400	13,600	19,040
Langlade	10,800	13,800	149,040	49	10,900	14,300	155,870
Marinette	14,400	13,500	194,400	47	14,600	13,800	201,480
Oconto	27,200	14,700	399,840	28	27,400	14,800	405,520
Shawano	47,400	13,500	639,900	10	47,900	14,000	670,600
N. E. District	**101,900**	**13,859**	**1,412,220**		**103,000**	**14,217**	**1,464,350**
Buffalo	30,100	14,400	433,440	26	30,000	14,500	435,000
Dunn	39,000	14,600	569,400	13	40,600	14,700	596,820
Eau Claire	19,500	13,000	253,500	38	20,100	13,300	267,330
Jackson	18,000	12,800	230,400	43	18,000	13,200	237,600
La Crosse	16,600	14,100	234,060	42	16,900	14,500	245,050
Monroe	37,400	13,200	493,680	19	37,500	13,600	510,000
Pepin	10,600	13,500	143,100	52	10,700	13,700	146,590
Pierce	25,500	13,200	336,600	33	26,000	13,600	353,600
St. Croix	33,800	14,800	500,240	18	35,100	15,100	530,010
Treampealeau	37,300	12,700	473,710	22	37,700	13,100	493,870
W. C. District	**267,800**	**13,697**	**3,668,130**		**272,600**	**13,998**	**3,815,870**
Adams	3,000	13,500	40,500	63	3,200	14,000	44,800
Green Lake	13,200	13,400	176,880	48	13,500	13,900	187,650
Juneau	15,500	12,600	195,300	45	15,300	13,200	201,960
Marquette	7,600	14,600	110,960	55	7,700	14,900	114,730
Portage	17,000	14,200	241,400	41	17,100	14,300	244,530
Waupaca	34,800	13,900	483,720	21	35,500	14,200	504,100
Waushara	9,800	13,600	133,280	53	9,700	13,900	134,830
Wood	26,400	14,000	369,600	29	26,000	14,500	377,000
C. District	**127,300**	**13,760**	**1,751,640**		**128,000**	**14,138**	**1,809,600**
Brown	38,900	13,700	532,930	16	39,300	13,900	546,270
Calumet	30,300	14,900	451,470	23	31,000	15,300	474,300
Door	14,100	13,800	194,580	46	14,200	14,000	198,800
Fond du Lac	52,100	14,500	755,450	6	52,400	15,000	786,000
Kewaunee	31,000	14,500	449,500	24	30,800	14,800	455,840
Manitowoc	45,900	14,700	674,730	8	46,900	14,900	698,810
Outagamie	45,400	14,300	649,220	9	47,100	14,600	687,660
Sheboygan	30,000	14,300	429,000	27	30,300	14,600	442,380
Winnebago	21,000	14,000	294,000	37	21,300	14,500	308,850
E. C. District	**308,700**	**14,353**	**4,430,880**		**313,300**	**14,679**	**4,598,910**

MILK COWS: Production Per Cow, And Total Milk Production, By Counties, Wisconsin, 1988-89, Continued

County	1989 1/				1988 2/		
	Number of cows 3/	Milk per cow	Production		Number of cows 3/	Milk per cow	Total Production
			Quantity	Rank			
	Number	Pounds	1,000 pounds		Number	Pounds	1,000 pounds
Crawford	19,000	12,800	243,200	40	18,700	13,300	248,710
Grant	63,600	13,600	864,960	3	63,300	14,200	898,860
Iowa	36,500	13,500	492,750	20	37,500	14,000	525,000
Lafayette	41,400	13,500	558,900	14	41,200	13,900	572,680
Richland	24,500	13,100	320,950	36	24,900	13,600	338,640
Sauk	36,900	14,100	520,290	17	37,200	14,600	543,120
Vernon	43,200	12,800	552,960	15	43,700	13,300	581,210
S. W. District	**265,100**	**13,406**	**3,554,010**		**266,500**	**13,915**	**3,708,220**
Columbia	25,200	14,300	360,360	31	25,200	14,600	367,920
Dane	60,000	14,000	840,000	4	61,000	14,400	878,400
Dodge	55,700	14,100	785,370	5	56,200	14,700	826,140
Green	45,700	14,000	639,800	11	46,300	14,400	666,720
Jefferson	26,200	13,700	358,940	32	26,400	14,300	377,520
Rock	22,100	14,800	327,080	34	22,600	15,100	341,260
S. C. District	**234,900**	**14,098**	**3,311,550**		**237,700**	**14,548**	**3,457,960**
Kenosha	5,550	13,700	76,035	59	5,900	13,800	81,420
Milwaukee	250	13,300	3,325	69	300	13,400	4,020
Ozaukee	10,400	13,900	144,560	50	10,400	14,100	146,640
Racine	7,700	14,000	107,800	56	7,900	14,300	112,970
Walworth	17,500	14,100	246,750	39	18,400	14,400	264,960
Washington	24,200	13,400	324,280	35	23,900	13,900	332,210
Waukesha	10,300	13,900	143,170	51	10,400	14,200	147,680
S. E. District	**75,900**	**13,780**	**1,045,920**		**77,200**	**14,118**	**1,089,900**
State	**1,739,000**	**13,801**	**24,000,000**		**1,760,000**	**14,205**	**25,000,000**

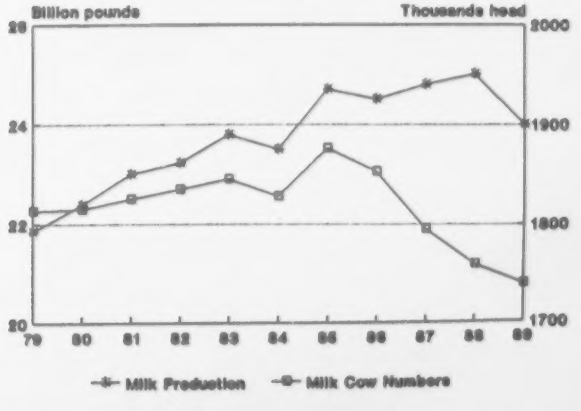
1/Preliminary. 2/Revised. 3/Average number of milk cows on farms during year, excluding heifers not yet fresh.



MILK COWS: Percent of Operations By Size Group, Wisconsin, 1985-89

Year	Operations having:			
	1-29 head	30-49 head	50-99 head	100+ head
	Percent			
1989	23.5	37.9	31.8	6.8
1988	24.2	38.6	31.4	5.8
1987	24.1	39.5	31.1	5.4
1986	26.1	39.0	30.0	4.9
1985	27.8	39.5	28.3	4.4

WISCONSIN MILK COWS & MILK PRODUCTION



MILK PRODUCTION: By Months, Wisconsin, 1982-89

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	Million pounds												
1989	**2,056**	**1,897**	**2,119**	**2,081**	**2,200**	**2,087**	**2,042**	**1,995**	**1,874**	**1,901**	**1,822**	**1,926**	**24,000**
1988**	2,062	1,968	2,174	2,135	2,263	2,214	2,211	2,106	2,008	1,987	1,880	1,992	25,000
1987	1,966	1,832	2,105	2,106	2,280	2,202	2,178	2,112	2,006	2,035	1,930	2,048	24,800
1986	2,039	1,859	2,109	2,092	2,276	2,232	2,189	2,116	1,938	1,927	1,814	1,909	24,500
1985	1,932	1,764	2,023	2,031	2,255	2,246	2,266	2,210	2,031	2,038	1,915	1,989	24,700
1984	1,934	1,825	2,029	2,006	2,152	2,117	2,060	1,977	1,883	1,871	1,773	1,874	23,501
1983	1,941	1,813	2,044	2,046	2,186	2,157	2,104	2,020	1,912	1,904	1,795	1,878	23,800
1982 1/	1,885	1,757	1,997	—	6,254*	—	—	5,912*	—	—	5,425*	—	23,230

1/1982 estimates were made quarterly after March. *Quarterly totals. **Revised.

MILK COW NUMBERS: By Months, Wisconsin, 1982-89

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	1,000 head												
1989	**1,735**	**1,732**	**1,730**	**1,734**	**1,739**	**1,739**	**1,738**	**1,735**	**1,735**	**1,744**	**1,752**	**1,759**	**1,739**
1988**	1,785	1,781	1,775	1,772	1,768	1,764	1,755	1,748	1,746	1,743	1,741	1,740	1,760
1987	1,820	1,814	1,807	1,800	1,795	1,790	1,785	1,782	1,783	1,785	1,787	1,789	1,795
1986	1,888	1,878	1,875	1,868	1,858	1,852	1,847	1,840	1,837	1,835	1,832	1,827	1,853
1985	1,840	1,838	1,839	1,855	1,879	1,895	1,896	1,889	1,889	1,896	1,896	1,894	1,876
1984	1,842	1,825	1,820	1,824	1,824	1,825	1,823	1,822	1,828	1,834	1,837	1,837	1,828
1983	1,840	1,841	1,841	1,843	1,845	1,844	1,846	1,845	1,847	1,849	1,851	1,850	1,845
1982 1/	1,830	1,830	1,832	—	1,834*	—	—	1,836*	—	—	1,839*	—	1,835

1/1982 estimates were made quarterly after March. *Quarterly average. **Revised.

MILK PRODUCTION PER COW: By Months, Wisconsin, 1982-89

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	Pounds												
1989	**1,185**	**1,095**	**1,225**	**1,200**	**1,265**	**1,200**	**1,175**	**1,150**	**1,080**	**1,090**	**1,040**	**1,095**	**13,801**
1988**	1,155	1,105	1,225	1,205	1,280	1,255	1,260	1,205	1,150	1,140	1,080	1,145	14,205
1987	1,080	1,010	1,165	1,170	1,270	1,230	1,220	1,185	1,125	1,140	1,080	1,145	13,816
1986	1,080	990	1,125	1,120	1,225	1,205	1,185	1,150	1,055	1,050	990	1,045	13,222
1985	1,050	960	1,100	1,095	1,200	1,185	1,195	1,170	1,075	1,075	1,010	1,050	13,166
1984	1,050	1,000	1,115	1,100	1,180	1,160	1,130	1,085	1,030	1,020	965	1,020	12,856
1983	1,055	985	1,110	1,110	1,185	1,170	1,140	1,095	1,035	1,030	970	1,015	12,900
1982 1/	1,030	960	1,090	—	3,410*	—	—	3,220*	—	—	2,950 *	—	12,659

1/1982 estimates were made quarterly after March. *Quarterly totals. **Revised.

COWS FRESHENING: By Months, Wisconsin, 1982-89

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Percent of total freshenings 1/											
1989	**10.4**	**9.3**	**8.9**	**9.5**	**7.9**	**6.0**	**6.7**	**7.7**	**7.9**	**8.6**	**8.5**	**8.6**
1988	8.5	9.3	9.1	9.0	7.8	6.6	7.7	7.7	8.2	9.0	8.7	8.4
1987	8.3	8.4	8.7	9.5	8.3	9.2	7.8	7.2	7.8	8.1	8.9	7.8
1986	8.4	9.3	8.2	9.2	8.8	7.1	6.4	8.3	8.4	7.4	9.7	8.8
1985	9.3	9.0	8.0	9.2	8.6	7.9	7.0	7.2	7.2	8.5	7.2	10.9
1984	8.5	7.8	7.8	7.0	6.8	8.2	8.1	8.5	9.3	8.9	8.7	10.4
1983	9.3	8.7	7.8	8.8	8.2	7.2	7.8	7.6	7.4	8.7	9.2	9.3
1982	9.8	9.0	8.6			2/ 21.9			3/ 23.1			4/ 27.6

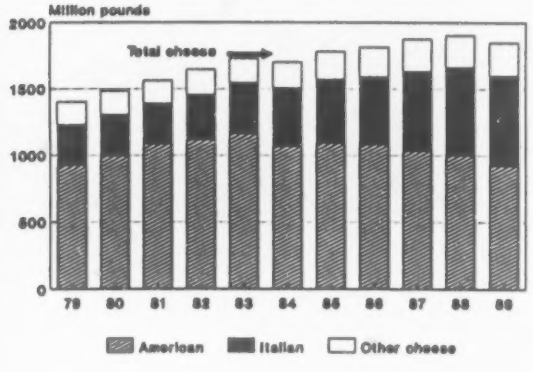
1/Monthly distribution is adjusted for balance to 100 percent for the year, which attributes freshening during the 12 months to the average number of milk cows and heifers two years old and over in the herds of Wisconsin dairy reporters. 2/Percent for April, May, and June quarter. 3/Percent for July, August, and September quarter. 4/Percent for October, November, and December quarter.

BUTTER AND CHEESE PRODUCTION: Wisconsin, 1982-89

Year	Butter	Total cheese 1/	American 2/	Swiss	Brick and Muenster	Italian	Blue
	1,000 pounds						
1989	**318,717**	**1,847,455**	**924,206**	**43,982**	**82,560**	**677,957**	**21,794**
1988	295,576	1,901,377	998,056	53,581	80,368	664,114	20,898
1987	261,493	1,874,492	1,031,110	46,946	93,889	599,765	19,764
1986	273,939	1,813,542	1,081,188	42,768	83,483	510,139	19,113
1985	295,582	1,778,265	1,089,231	40,868	77,530	484,132	19,661
1984	273,002	1,698,150	1,063,716	37,534	70,371	441,163	18,544
1983	304,672	1,728,332	1,158,909	36,138	61,574	388,664	17,113
1982	288,598	1,644,529	1,111,333	36,672	66,163	343,938	17,802

1/Includes cream cheese, and other miscellaneous types of cheese. Does not include cottage cheese. 2/Includes Colby and all other whole-milk-type American cheese.

WISCONSIN CHEESE PRODUCTION



ICE CREAM, ICE MILK, AND COTTAGE CHEESE Wisconsin, 1982-89

Year	Ice cream	Ice milk	Cottage cheese		
			Curd	Creamed	Lowfat
	1,000 gallons		1,000 pounds		
1989	**21,313**	**6,489**	**29,058**	**30,754**	**12,429**
1988	21,103	5,791	29,420	31,978	10,021
1987	25,434	6,268	28,614	33,397	9,516
1986	23,061	4,510	27,929	36,353	8,256
1985	21,651	5,410	28,399	38,216	7,525
1984	22,231	4,914	31,236	44,465	6,978
1983	20,941	5,894	28,245	40,320	6,153
1982	20,828	6,076	32,943	47,571	6,171

CONDENSED DAIRY PRODUCTS: Wisconsin, 1982-89

Year	Whole milk			Skim milk			Condensed buttermilk
	Condensed (bulk goods)			Condensed (bulk goods)			
	Sweetened	Unsweetened	Total	Sweetened	Unsweetened	Total	
	1,000 pounds						
1989	**86,162**	**16,402**	**102,564**	**64,480**	**91,281**	**155,761**	**31,752**
1988	69,615	90,418	160,033	57,699	148,306	206,005	31,829
1987	73,515	124,352	197,867	56,601	120,698	177,299	41,415
1986	67,320	127,538	194,858	52,093	119,622	171,715	28,009
1985	64,239	121,033	185,272	45,218	71,964	117,182	24,606
1984	59,575	86,161	145,736	41,834	94,840	136,674	25,563
1983	53,087	65,915	119,002	42,345	44,695	87,040	33,499
1982	48,136	76,017	124,153	40,808	66,578	107,386	32,469

DRIED DAIRY PRODUCTS: Wisconsin, 1982-89

Year	Whole milk	Nonfat dry milk			Buttermilk	Malted milk powder
		Human food	Animal feed	Total		
	1,000 pounds					
1989	**1/**	**51,291**	**684**	**51,975**	**5,002**	**5,387**
1988	1/	60,595	697	61,292	3,914	8,066
1987	1/	60,477	458	60,935	3,105	7,112
1986	1/	95,618	538	96,156	6,169	9,307
1985	1/	123,158	492	123,650	10,618	10,702
1984	1/	101,997	467	102,464	9,137	8,807
1983	1/	129,157	505	129,662	10,833	9,245
1982	1/	134,730	484	135,214	11,223	6,606

1/Not published to avoid disclosure of individual plant operations.

WHEY PRODUCTS: Wisconsin, 1985-89

Year	Dry whey 1/		Lactose		Whey solids in wet blends		Whey protein concentrate	
	Human food	Animal feed	Human food	Animal feed	Human food	Animal feed	Human food	Animal feed
	1,000 pounds solids							
1989	**343,804**	**123,129**	**61,983**	**2/**	**2/**	**2/**	**31,553**	**22,721**
1988	367,589	125,390	57,345	2/	2/	2/	30,465	2/
1987	327,885	161,805	56,114	2/	2/	72,891	14,934	2/
1986	385,755	100,788	45,668	2/	2/	54,620	16,715	2/
1985	367,543	116,657	33,313	2/	6,512	49,312	25,221	2/

1/Includes reduced lactose and reduced minerals whey. 2/Production not shown in order to maintain confidentiality of individual plants.

DAIRY PLANTS MAKING SELECTED PRODUCTS: Wisconsin, 1983-89 1/

Product	1989	1988	1987	1986	1985	1984	1983
	Number of dairy plants						
Butter (including whey butter)	19	20	21	23	25	25	26
Cheese							
American	130	147	168	179	198	214	229
Swiss	16	18	18	19	22	21	21
Muenster	37	37	39	41	48	41	41
Brick	21	23	25	29	32	30	28
Limburger	2/	2/	2/	2/	2/	2/	2/
Italian	53	53	58	56	58	57	59
Total cheese	210	225	249	264	284	296	306
Dry products							
Nonfat dry milk (spray process)	8	9	10	10	11	10	10
Dry whole milk	2/	2/	2/	2/	2/	2/	2/
Dry buttermilk	5	4	4	3	6	6	6
Dry whey	16	19	18	20	22	24	21
Ice cream	25	28	31	30	33	34	34
Ice cream mix	16	18	16	22	23	22	21

1/Includes only plants actually making specified product. 2/Not published to avoid disclosure of individual plants.

DAIRY CATTLE AND CALVES: Shipped out of Wisconsin to International Markets, 1986-89

Country	1989	1988	1987	1986
	Number			
N. America				
Canada	132	220	177	173
Mexico	4,499	1,835	887	2,705
C. America				
El Salvador	9	-	2	48
Honduras	-	-	46	33
Costa Rica	-	2	-	-
Caribbean				
Dominican Republic	303	46	101	203
Haiti	-	-	38	-
Puerto Rico	90	692	42	-
Canary Island	67	2	-	-
S. America				
Argentina	-	32	13	9
Brazil	694	47	159	374
Colombia	13	90	251	132
Ecuador	-	-	115	173
Peru	18	423	228	11
Venezuela	169	447	385	1,371
W. Europe				
Netherlands	-	-	1	-
Spain	-	-	-	12
United Kingdom	-	-	1	-

Country	1989	1988	1987	1986
	Number			
Africa				
Morocco	-	-	1,186	-
Tunisia	-	27	-	-
S. Africa	9	1	-	-
E. Europe				
Hungary	-	5	2	-
Asia				
Abu Dhabi	-	-	86	-
Australia	1	1	-	-
China (Mainland)	-	-	-	193
Iraq	-	-	4,477	-
Japan	40	56	64	162
Korea	1	-	10	-
Kuwait	-	382	127	-
Philippines	5	-	-	-
Saudi Arabia	174	354	-	210
Taiwan	-	181	582	633
Thailand	-	199	247	-
Turkey	-	131	678	-
Total 1/	6,224	5,173	9,905	6,442

1/Does not include cattle and calves shipped to other states and inspected there for export to international markets.

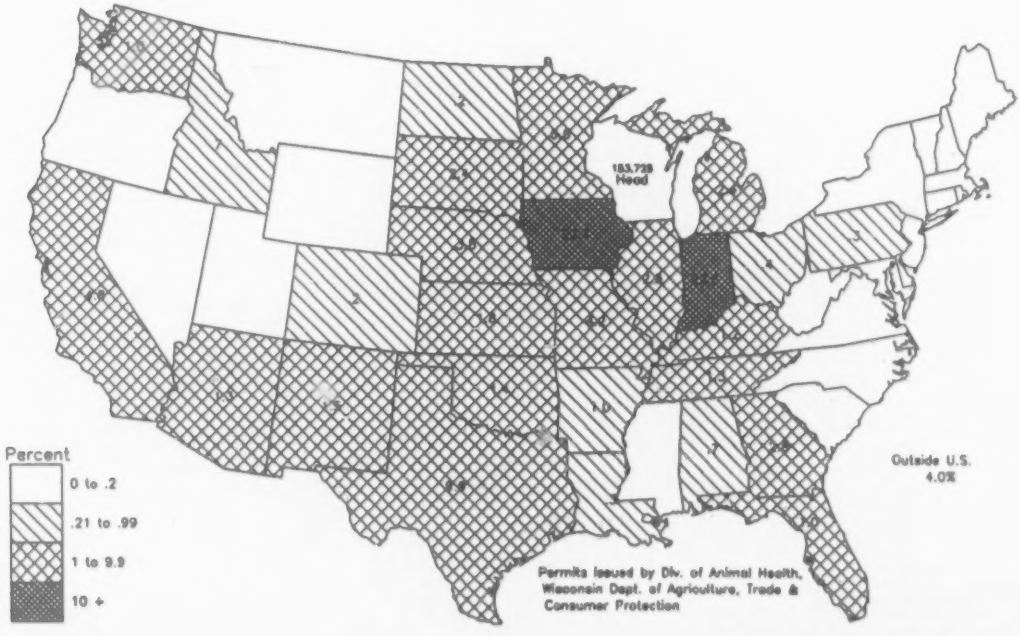
CATTLE AND CALVES: Shipped Out of Wisconsin, 1986-89 1/

State	1989	1988	1987	1986
	Number			
Rhode Island	-	-	-	-
New Hamp	1	2	-	10
Maine	3	3	4	1
Vermont	9	45	12	3
Massachusetts	3	214	1	21
Connecticut	-	29	5	13
New York	150	114	101	106
New Jersey	2	1	1	-
Pennsylvania	503	390	347	169
N. Atlantic	671	798	471	323
Ohio	620	1,347	1,077	3,246
Indiana	34,680	54,320	69,544	69,988
Illinois	3,361	6,443	7,162	6,203
Michigan	3,539	8,261	9,998	6,880
E. N. Central	42,200	70,371	87,781	86,317
Minnesota	9,726	7,669	7,105	4,837
Iowa	33,044	30,378	33,041	22,625
Missouri	6,217	4,920	4,904	3,666
North Dakota	360	659	558	585
South Dakota	3,563	4,396	5,651	3,019
Nebraska	5,109	7,155	8,693	4,413
Kansas	2,631	2,773	2,938	3,070
W. N. Central	60,650	57,950	62,890	42,215
Delaware	-	-	-	5
Maryland	54	11	9	13
Virginia	2	539	224	117
West Virginia	1	85	133	-
N. Carolina	124	123	174	66
S. Carolina	158	108	85	71
Georgia	4,105	2,328	1,792	1,528
Florida	1,512	1,307	1,556	1,269
S. Atlantic	5,956	4,501	3,973	3,069

State	1989	1988	1987	1986
	Number			
Kentucky	1,777	1,215	1,028	935
Tennessee	1,960	1,722	1,600	1,409
Alabama	967	693	76	232
Mississippi	246	169	363	1,315
Arkansas	1,415	996	1,069	907
Louisiana	511	651	287	313
Oklahoma	1,991	2,385	3,675	3,117
Texas	14,123	17,071	14,235	9,854
S. Central	22,990	24,902	22,333	18,082
Montana	253	388	341	483
Idaho	1,081	2,493	1,854	545
Wyoming	94	120	52	75
Colorado	339	1,397	1,445	650
New Mexico	2,228	2,827	2,923	1,266
Arizona	1,966	1,830	1,937	743
Utah	210	139	119	29
Nevada	215	-	659	204
Washington	1,491	1,410	582	75
Oregon	2	310	6	134
California	7,023	10,500	6,207	3,725
Western	14,902	21,414	16,125	7,929
Alaska	50	-	-	-
Hawaii	82	239	-	-
U.S.	147,501	180,175	193,573	157,935
Outside U.S. 2/	6,224	5,173	9,905	6,442
Total	153,725	185,348	203,478	164,377

1/Permits issued by the Division of Animal Health, Wisconsin Department of Agriculture, Trade and Consumer Protection.
2/Does not include cattle and calves shipped to other states and inspected there for export to international markets.

PERCENT OF CATTLE & CALVES SHIPPED
FROM WISCONSIN, 1989


153,725 Head
Outside U.S. 4.0%
Percent
0 to .2
.21 to .99
1 to 9.9
10 +
Permits issued by Div. of Animal Health, Wisconsin Dept. of Agriculture, Trade & Consumer Protection

AVERAGE PRICES AND TESTS FOR MILK MARKETED FROM FARMS: By Months, Wisconsin, 1985-89

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						ALL MILK							
						Dollars per hundredweight							
1989	13.17	12.64	12.31	12.24	12.14	12.26	12.56	13.20	14.17	15.25	15.97	16.29	13.45
1988	12.03	11.71	11.49	11.31	11.16	10.96	11.11	11.62	12.46	13.20	13.53	13.56	11.97
1987	12.81	12.38	12.09	11.93	11.77	11.67	11.68	11.90	12.38	12.63	12.53	12.26	12.15
1986	12.08	11.97	11.91	11.77	11.66	11.56	11.59	11.97	12.59	12.99	13.20	13.12	12.16
1985	13.49	13.27	12.89	12.49	12.12	11.76	11.53	11.60	11.88	12.20	12.25	12.23	12.27
						Percent milkfat							
1989	3.83	3.82	3.82	3.78	3.72	3.64	3.56	3.58	3.70	3.82	3.84	3.87	3.75
1988	3.81	3.80	3.77	3.74	3.67	3.53	3.50	3.52	3.70	3.85	3.89	3.86	3.71
1987	3.78	3.76	3.74	3.70	3.63	3.55	3.50	3.53	3.69	3.84	3.85	3.82	3.69
1986	3.81	3.78	3.77	3.71	3.66	3.58	3.55	3.59	3.73	3.82	3.86	3.83	3.72
1985	3.84	3.82	3.78	3.73	3.63	3.56	3.51	3.56	3.69	3.83	3.85	3.86	3.71
						MARKET MILK							
						Dollars per hundredweight							
1989	13.31	12.81	12.45	12.38	12.26	12.37	12.66	13.30	14.26	15.35	16.08	16.41	13.58
1988	12.16	11.85	11.62	11.43	11.28	11.08	11.23	11.73	12.55	13.30	13.63	13.67	12.10
1987	12.94	12.53	12.22	12.05	11.89	11.80	11.81	12.02	12.52	12.79	12.67	12.40	12.28
1986	12.16	12.06	11.99	11.85	11.74	11.66	11.69	12.08	12.71	13.10	13.32	13.24	12.26
1985	13.61	13.38	13.00	12.61	12.22	11.86	11.65	11.71	11.97	12.28	12.32	12.32	12.38
						Percent milkfat							
1989	3.82	3.81	3.81	3.77	3.71	3.64	3.56	3.58	3.70	3.81	3.83	3.86	3.74
1988	3.80	3.79	3.76	3.73	3.66	3.52	3.49	3.51	3.69	3.84	3.88	3.85	3.71
1987	3.77	3.75	3.73	3.69	3.62	3.54	3.49	3.52	3.68	3.83	3.84	3.81	3.68
1986	3.80	3.77	3.76	3.70	3.64	3.57	3.54	3.58	3.72	3.80	3.84	3.82	3.71
1985	3.83	3.82	3.77	3.72	3.62	3.55	3.50	3.55	3.67	3.81	3.83	3.85	3.70
						MANUFACTURING MILK							
						Dollars per hundredweight							
1989	12.51	11.83	11.65	11.60	11.63	11.76	12.09	12.73	13.73	14.72	15.41	15.63	12.81
1988	11.52	11.16	10.98	10.84	10.72	10.53	10.67	11.20	12.12	12.78	13.06	13.05	11.46
1987	12.36	11.84	11.67	11.54	11.40	11.27	11.24	11.48	11.91	12.07	12.00	11.75	11.68
1986	11.82	11.70	11.64	11.53	11.41	11.29	11.28	11.63	12.21	12.63	12.80	12.71	11.83
1985	13.11	12.92	12.54	12.14	11.86	11.48	11.19	11.28	11.61	11.96	12.02	11.96	11.96
						Percent milkfat							
1989	3.88	3.85	3.85	3.81	3.75	3.66	3.56	3.58	3.71	3.85	3.90	3.90	3.77
1988	3.84	3.82	3.79	3.76	3.69	3.55	3.52	3.54	3.72	3.89	3.95	3.92	3.74
1987	3.82	3.79	3.77	3.73	3.67	3.58	3.52	3.56	3.72	3.89	3.91	3.87	3.73
1986	3.85	3.82	3.80	3.75	3.70	3.61	3.57	3.62	3.78	3.89	3.91	3.88	3.75
1985	3.85	3.82	3.79	3.75	3.67	3.60	3.54	3.59	3.73	3.89	3.92	3.91	3.74
						ALL CHEESE							
						Dollars per hundredweight							
1989	12.52	11.83	11.66	11.60	11.65	11.78	12.12	12.77	13.75	14.74	15.43	15.64	12.82
1988	11.55	11.18	11.00	10.86	10.74	10.54	10.68	11.22	12.14	12.81	13.08	13.08	11.48
1987	12.38	11.86	11.69	11.56	11.42	11.29	11.24	11.48	11.91	12.08	12.01	11.76	11.70
1986	11.84	11.72	11.67	11.55	11.44	11.31	11.31	11.65	12.23	12.65	12.83	12.74	11.86
1985	13.13	12.94	12.55	12.16	11.88	11.50	11.20	11.28	11.63	11.98	12.04	11.98	11.98
						Percent milkfat							
1989	3.88	3.85	3.85	3.81	3.75	3.66	3.56	3.58	3.72	3.85	3.90	3.91	3.77
1988	3.84	3.82	3.79	3.76	3.69	3.55	3.52	3.54	3.72	3.89	3.95	3.92	3.74
1987	3.82	3.79	3.78	3.74	3.67	3.58	3.52	3.57	3.72	3.89	3.91	3.87	3.73
1986	3.85	3.82	3.81	3.76	3.70	3.62	3.58	3.63	3.78	3.89	3.92	3.89	3.76
1985	3.85	3.82	3.79	3.75	3.67	3.60	3.55	3.59	3.74	3.89	3.92	3.91	3.74
						OTHER CHEESE							
						Dollars per hundredweight							
1989	13.33	12.65	12.51	12.35	12.16	12.40	12.50	13.11	13.99	15.05	15.79	15.97	13.38
1988	12.07	11.82	11.63	11.50	11.33	11.05	11.17	11.71	12.50	13.31	13.69	13.70	12.03
1987	12.92	12.53	12.28	12.05	11.96	11.76	11.76	11.94	12.39	12.67	12.65	12.40	12.24
1986	12.39	12.31	12.18	12.02	11.84	11.70	11.72	12.04	12.50	13.00	13.35	13.29	12.32
1985	13.62	13.38	13.01	12.57	12.20	11.87	11.65	11.74	12.00	12.62	12.75	12.62	12.46
						Percent milkfat							
1989	3.93	3.93	3.95	3.90	3.80	3.73	3.62	3.63	3.79	3.94	3.96	4.00	3.84
1988	3.88	3.88	3.84	3.81	3.74	3.58	3.53	3.56	3.77	3.95	4.00	3.97	3.78
1987	3.90	3.87	3.85	3.80	3.73	3.62	3.57	3.59	3.76	3.93	3.98	3.91	3.78
1986	3.91	3.87	3.87	3.80	3.73	3.63	3.61	3.64	3.81	3.96	3.98	3.99	3.81
1985	3.92	3.92	3.88	3.83	3.71	3.64	3.61	3.65	3.80	4.02	4.04	3.99	3.82

AVERAGE PRICES AND TESTS FOR MILK MARKETED FROM FARMS: By Months, Wisconsin, 1985-89

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						VARIED PRODUCTS							
						Dollars per hundredweight							
1989	**12.38**	**11.78**	**11.54**	**11.55**	**11.48**	**11.59**	**11.91**	**12.38**	**13.58**	**14.57**	**15.30**	**15.58**	**12.66**
1988	11.37	11.06	10.85	10.69	10.57	10.39	10.54	11.04	11.92	12.57	12.91	12.89	11.28
1987	12.18	11.67	11.47	11.38	11.26	11.15	11.24	11.44	11.84	12.02	11.94	11.68	11.58
1986	11.66	11.53	11.46	11.35	11.22	11.08	11.11	11.50	12.03	12.42	12.59	12.50	11.63
1985	12.94	12.75	12.42	11.99	11.69	11.37	11.11	11.21	11.50	11.82	11.86	11.80	11.83
						Percent milkfat							
1989	**3.86**	**3.84**	**3.83**	**3.80**	**3.73**	**3.64**	**3.53**	**3.56**	**3.71**	**3.84**	**3.89**	**3.90**	**3.75**
1988	3.83	3.81	3.78	3.75	3.67	3.52	3.49	3.51	3.69	3.85	3.92	3.90	3.72
1987	3.81	3.78	3.76	3.71	3.65	3.56	3.51	3.56	3.70	3.88	3.91	3.87	3.72
1986	3.84	3.81	3.79	3.74	3.66	3.58	3.54	3.60	3.77	3.87	3.90	3.87	3.73
1985	3.84	3.81	3.78	3.73	3.64	3.57	3.50	3.57	3.71	3.87	3.91	3.91	3.72
						AMERICAN CHEESE							
						Dollars per hundredweight							
1989	**12.41**	**11.73**	**11.56**	**11.53**	**11.56**	**11.66**	**12.01**	**12.66**	**13.65**	**14.60**	**15.33**	**15.55**	**12.71**
1988	11.44	11.07	10.90	10.77	10.67	10.48	10.65	11.18	12.11	12.76	13.00	12.98	11.40
1987	12.29	11.75	11.60	11.48	11.35	11.23	11.20	11.42	11.87	12.02	11.92	11.66	11.62
1986	11.76	11.64	11.60	11.48	11.38	11.25	11.25	11.56	12.17	12.57	12.72	12.62	11.77
1985	13.07	12.89	12.49	12.10	11.83	11.44	11.14	11.23	11.58	11.91	11.97	11.91	11.93
						Percent milkfat							
1989	**3.89**	**3.86**	**3.86**	**3.82**	**3.77**	**3.68**	**3.57**	**3.59**	**3.72**	**3.86**	**3.91**	**3.91**	**3.78**
1988	3.85	3.83	3.80	3.77	3.71	3.57	3.54	3.56	3.74	3.91	3.96	3.93	3.75
1987	3.83	3.80	3.79	3.75	3.68	3.60	3.54	3.58	3.74	3.90	3.92	3.88	3.74
1986	3.86	3.82	3.81	3.76	3.71	3.62	3.59	3.63	3.79	3.90	3.92	3.89	3.76
1985	3.85	3.83	3.79	3.76	3.69	3.62	3.56	3.61	3.75	3.90	3.93	3.92	3.75
						BRICK AND MUENSTER CHEESE							
						Dollars per hundredweight							
1989	**12.80**	**12.08**	**11.87**	**11.83**	**11.87**	**12.02**	**12.41**	**13.13**	**14.09**	**15.08**	**15.81**	**16.09**	**13.14**
1988	11.85	11.50	11.27	11.11	10.94	10.73	10.81	11.33	12.24	13.07	13.42	13.42	11.73
1987	12.59	12.09	11.85	11.73	11.52	11.36	11.36	11.59	12.08	12.24	12.20	12.06	11.86
1986	12.10	11.94	11.86	11.77	11.64	11.54	11.55	11.90	12.29	12.77	12.93	12.95	12.06
1985	13.33	13.07	12.65	12.28	12.02	11.65	11.44	11.53	11.81	12.22	12.24	12.24	12.16
						Percent milkfat							
1989	**3.83**	**3.80**	**3.79**	**3.75**	**3.68**	**3.57**	**3.50**	**3.55**	**3.71**	**3.83**	**3.87**	**3.89**	**3.73**
1988	3.80	3.78	3.75	3.71	3.62	3.47	3.44	3.46	3.64	3.82	3.92	3.89	3.68
1987	3.77	3.74	3.70	3.67	3.58	3.48	3.44	3.51	3.69	3.84	3.88	3.85	3.67
1986	3.80	3.75	3.73	3.68	3.62	3.54	3.51	3.57	3.70	3.84	3.87	3.85	3.69
1985	3.82	3.79	3.74	3.68	3.59	3.52	3.49	3.55	3.69	3.87	3.88	3.86	3.69
						SWISS CHEESE							
						Dollars per hundredweight							
1989	**12.42**	**11.88**	**11.61**	**11.54**	**11.62**	**11.70**	**12.00**	**12.54**	**13.56**	**14.59**	**15.28**	**15.35**	**12.67**
1988	11.64	11.32	11.09	10.92	10.78	10.55	10.61	11.04	12.05	12.68	13.01	12.96	11.46
1987	12.45	11.95	11.81	11.59	11.46	11.27	11.16	11.39	11.69	12.04	12.08	11.73	11.69
1986	12.24	12.09	11.93	11.83	11.68	11.60	11.50	11.83	12.46	12.89	13.11	12.98	12.15
1985	13.34	12.94	12.63	12.31	11.96	11.63	11.46	11.42	11.79	12.28	12.36	12.41	12.17
						Percent milkfat							
1989	**3.83**	**3.83**	**3.81**	**3.77**	**3.69**	**3.61**	**3.49**	**3.52**	**3.68**	**3.81**	**3.87**	**3.89**	**3.73**
1988	3.80	3.78	3.74	3.72	3.63	3.47	3.44	3.46	3.64	3.83	3.90	3.87	3.68
1987	3.78	3.73	3.72	3.66	3.59	3.51	3.45	3.50	3.66	3.82	3.86	3.83	3.67
1986	3.77	3.74	3.72	3.68	3.63	3.56	3.51	3.56	3.72	3.85	3.88	3.85	3.70
1985	3.79	3.75	3.70	3.63	3.56	3.50	3.47	3.46	3.63	3.82	3.81	3.82	3.65
						ITALIAN CHEESE							
						Dollars per hundredweight							
1989	**12.57**	**11.86**	**11.69**	**11.60**	**11.70**	**11.87**	**12.22**	**12.87**	**13.83**	**14.90**	**15.46**	**15.61**	**12.89**
1988	11.60	11.20	11.03	10.88	10.73	10.55	10.66	11.23	12.16	12.78	13.07	13.11	11.49
1987	12.48	11.98	11.76	11.64	11.50	11.35	11.27	11.55	11.95	12.11	12.06	11.81	11.76
1986	11.86	11.77	11.71	11.58	11.47	11.34	11.31	11.71	12.31	12.77	12.98	12.88	11.92
1985	13.18	13.00	12.66	12.23	11.95	11.55	11.23	11.28	11.66	12.00	12.07	11.96	12.01
						Percent milkfat							
1989	**3.88**	**3.86**	**3.86**	**3.82**	**3.76**	**3.67**	**3.56**	**3.56**	**3.71**	**3.83**	**3.89**	**3.90**	**3.77**
1988	3.84	3.82	3.79	3.77	3.69	3.56	3.52	3.54	3.73	3.88	3.94	3.92	3.74
1987	3.82	3.79	3.78	3.74	3.67	3.58	3.50	3.55	3.70	3.88	3.90	3.85	3.72
1986	3.86	3.83	3.81	3.76	3.71	3.63	3.58	3.63	3.79	3.89	3.91	3.88	3.76
1985	3.84	3.82	3.79	3.74	3.67	3.59	3.53	3.57	3.72	3.87	3.91	3.89	3.73

Specialty Crops

Photo courtesy of Wisconsin Department of Agriculture, Trade and Consumer Protection

The importance of Wisconsin's specialty crops is sometimes overlooked in America's dairyland. However, Wisconsin's production of these crops leads the nation for three different commodities, and ranks in the top five for at least six more.

In considering Wisconsin's cash receipts from farm marketings for specialty crops, potatoes ranked first with receipts totaling $103.1 million in 1988. Greenhouse and nursery products ranked next with $65.6 million, while cranberries ranked third at $64.4 million. Snap beans and sweet corn each contribute over $31 million to cash receipts in Wisconsin.

Cranberry production has been above one billion barrels for nine out of the past ten years, ranking second in the nation in 1989 behind Massachusetts. Pick-your-own strawberry enterprises are very popular in Wisconsin. In 1989, 61,000 hundredweight of strawberries were produced, yielding 55 hundredweight per acre. Wisconsin's tart cherry crop varies from year to year, following each year's weather patterns. Compounding weather problems, marketing concerns have caused problems for cherry growers. Apple production has shown an increasing trend in the past years, with the exception of 1988 when the drought along with hail damaged the crop. Wisconsin production in 1989 totaled 62 million pounds with a yield of nearly 9,300 pounds per acre.

In the recent past, there has been a downtrend in Wisconsin tobacco production. Acreage allotments were decreased to help reduce the surplus that was built up in the early 1980's. As the surplus dwindled, allotments were increased during 1989 and production went up to 11.4 million pounds. Wisconsin ranked third in potato production in the United States, producing 23.5 million hundredweight in 1989. Potato acreage, yield and production have all remained fairly consistent in recent years. In 1989, Wisconsin produced 647,000 pounds of mint oil, of which 60 percent was peppermint oil. Wisconsin's 260,000 pounds of spearmint oil ranked second in the nation in 1989.

Wisconsin continues to be a prime garden for processing and fresh vegetable production. In 1989, the state ranked second in the production of principal vegetables for processing, behind California. Wisconsin led the nation in the production of green peas, snap beans and sweet corn for processing, with over 1.2 million tons of combined production. With the exception of the dry 1988 crop season, yields of these vegetables have been improving. The snap bean yield in 1989 was a record 3.41 tons per acre.

Irrigation on Wisconsin farmland has become more popular over time. According to the United States Census of Agriculture, irrigated acres have more than doubled since 1969. Almost 285,000 acres were irrigated in 1987.

CRANBERRIES
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Acres harvested	Yield per acre	Production		Marketing yr. avg. price	Value of utilized production
			Total	Utilized		
	Acres	Bbl.	Thous. barrels		Dollars	1,000 dollars
1970	5,700	123.2	702	603	10.60	6,392
1971	6,300	117.8	742	552	10.70	5,906
1972	6,500	123.8	805	805	12.40	9,982
1973	6,700	112.8	756	756	13.30	10,055
1974	7,000	124.3	870	870	11.70	10,179
1975	7,000	119.6	837	837	13.00	10,881
1976	6,800	147.6	1,004	1,004	13.50	13,554
1977	6,400	133.4	854	854	18.30	15,628
1978	7,000	117.4	822	822	21.30	17,509
1979	7,100	126.9	901	901	26.70	24,057
1980	7,200	150.0	1,080	1,080	32.80	35,424
1981	7,100	136.3	968	968	41.30	39,988
1982	7,200	180.6	1,300	1,300	39.70	51,610
1983	7,300	155.1	1,132	1,132	44.10	49,921
1984	7,500	160.0	1,200	1,200	46.40	55,680
1985	8,000	153.8	1,230	1,230	45.70	56,211
1986	8,500	156.5	1,330	1,330	44.40	59,052
1987	8,900	156.2	1,390	1,390	44.40	61,716
1988	9,100	171.4	1,560	1,560	45.20	70,512
1989	9,200	150.0	1,380	1,380	1/	62,376

1/1988 marketing year average price used in computing value.

Cranberries
Producing Areas, 1987 Census

Tart Cherries
Producing Areas, 1987 Census

COMMERCIAL TART CHERRIES
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Bearing acres 1/	Yield per acre 2/	Production		Marketing yr. avg. price	Value of utilized production
			Total	Utilized		
	Acres	Pounds	Million pounds		Cents	1,000 dollars
1970			8.8	7.0	8.40	588
1971			17.0	16.7	10.40	1,737
1972			10.4	9.2	8.90	819
1973			4.8	4.8	20.70	994
1974			10.7	10.4	18.20	1,893
1975			10.4	9.7	10.70	1,038
1976			5.9	5.9	25.90	1,528
1977			12.2	12.2	28.90	3,526
1978			11.5	11.5	45.60	5,244
1979			14.6	14.6	45.10	6,585
1980			12.1	11.5	18.60	2,139
1981			9.6	9.6	44.80	4,305
1982	3,000	3,300	10.0	9.0	13.00	1,171
1983	2,100	2,140	4.5	4.5	49.60	2,232
1984	2,300	5,220	12.0	12.0	24.40	2,922
1985	2,400	3,540	8.5	7.5	20.70	1,549
1986	2,600	1,420	3.7	3.7	21.30	788
1987	2,800	5,000	14.0	4.9	6.00	295
1988	2,800	3,180	8.9	8.6	11.13	973
1989	2,900	2,830	8.2	7.5	3/	848

1/Bearing acreage estimates are based primarily on periodic orchard and vineyard inventory surveys. Wisconsin's last periodic survey was in 1986. Interim years are based on U.S. Census of Agriculture data, trends in plantings and removals, county extension services data, end of season production surveys, and other available indications. 2/Yield is based on total production which includes unharvested production, and fruit harvested but not sold due to marketing conditions. 3/1988 marketing year average price used in computing value.

COMMERCIAL APPLES
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Bearing acres 1/	Yield per acre 2/	Production		Marketing yr. avg. price	Value of utilized production
			Total	Utilized		
	Acres	Pounds	Million pounds		Cents	1,000 dollars
1970			58.0	58.0	7.20	4,176
1971			65.0	65.0	7.81	5,077
1972			65.0	65.0	7.65	4,973
1973			50.0	50.0	12.20	6,100
1974			65.0	60.0	10.00	6,000
1975			64.0	64.0	9.40	6,016
1976			52.0	52.0	11.80	6,136
1977			56.0	56.0	12.50	7,000
1978			66.0	61.0	12.10	7,381
1979			54.0	49.0	13.80	6,762
1980			65.0	62.0	13.50	8,345
1981			59.0	55.0	14.00	7,683
1982	6,300	9,520	60.0	55.0	13.70	7,551
1983	6,300	9,210	58.0	55.0	16.60	9,152
1984	6,100	8,690	53.0	51.0	22.00	11,199
1985	6,200	10,000	62.0	58.0	14.00	8,130
1986	6,300	9,210	58.0	55.0	17.10	9,390
1987	6,500	10,000	65.0	61.0	15.50	9,466
1988	6,700	6,720	45.0	43.0	21.20	9,105
1989	7,000	9,290	65.0	62.0	17.90	11,098

1/Bearing acreage estimates are based primarily on periodic orchard and vineyard inventory surveys. Wisconsin's last periodic survey was in 1986. Interim years are based on U.S. Census of Agriculture data, trends in plantings and removals, county extension services data, end of season production surveys, and other available indications. 2/Yield is based on total production which includes unharvested production and fruit harvested but not sold due to marketing conditions.

Photo courtesy of Wisconsin Department of Agriculture, Trade and Consumer Protection

STRAWBERRIES
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Acres		Yield per acre	Production	Marketing yr. avg. price	Value of utilized production
	Planted	Harvested				
	Acres		Cwt.	1,000 cwt.	Dollars	1,000 dollars
1970	1,500	1,500	28	42	30.50	1,281
1971	1,500	1,500	29	44	29.50	1,298
1972	1,400	1,400	23	32	34.90	1,117
1973	1,400	1,400	27	38	36.30	1,379
1974	1,300	1,300	29	38	44.40	1,687
1975	1,500	1,400	28	39	40.40	1,576
1976	1,500	1,400	25	35	42.00	1,470
1977	1,400	1,300	24	31	46.00	1,426
1978	1,600	1,400	39	55	48.00	2,640
1979	1,700	1,500	31	47	48.00	2,256
1980	1,800	1,500	38	57	49.00	2,793
1981	1,800	1,600	36	58	56.00	3,248
1982	1,700	1,600	38	61	53.00	3,233
1983	1,700	1,500	38	57	55.00	3,135
1984	1,600	1,500	39	59	53.00	3,127
1985	1,500	1,400	39	55	54.00	2,970
1986	1,400	1,300	49	64	57.00	3,648
1987	1,300	1,200	37	44	57.00	2,508
1988	1,300	1,000	41	41	64.00	2,624
1989	1,200	1,100	55	61	66.00	4,026

ALL TOBACCO
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Acres harvested	Yield per acre	Production	Marketing yr. avg. price	Value of utilized production
	Acres	Pounds	1,000 pounds	Cents	1,000 dollars
1970	8,800	2,095	18,436	51.1	9,427
1971	10,600	2,125	22,525	54.9	12,356
1972	10,800	1,731	18,691	48.5	9,074
1973	10,200	1,859	18,963	60.6	11,492
1974	9,400	1,965	18,471	75.1	13,879
1975	11,000	1,891	20,801	75.1	15,622
1976	11,100	1,821	20,209	74.9	15,144
1977	12,000	2,032	24,385	85.0	20,736
1978	12,100	1,678	20,305	100.5	20,407
1979	12,900	1,942	25,050	117.0	29,309
1980	12,900	2,013	25,965	125.0	32,456
1981	13,700	1,924	26,353	110.6	29,149
1982	10,100	1,994	20,136	103.7	20,876
1983	8,600	1,941	16,691	109.6	18,285
1984	8,100	2,025	16,400	110.5	18,122
1985	8,200	2,192	17,978	103.0	18,517
1986	6,200	1,913	11,860	93.4	11,076
1987	4,200	1,993	8,370	100.0	8,370
1988	3,450	2,002	6,906	125.0	8,633
1989	5,700	1,998	11,391	150.0	17,087

TOBACCO TYPE 55
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Acres harvested	Yield per acre	Production	Marketing yr. avg. price	Value of utilized production
	Acres	Pounds	1,000 pounds	Cents	1,000 dollars
1970	4,400	2,055	9,042	52.0	4,702
1971	5,300	1,980	10,494	54.0	5,667
1972	5,800	1,770	10,266	49.0	5,030
1973	5,300	1,775	9,408	60.7	5,711
1974	4,700	1,870	8,789	75.4	6,627
1975	5,400	1,835	9,909	75.1	7,442
1976	5,500	1,750	9,625	75.2	7,238
1977	5,800	2,045	11,861	85.5	10,141
1978	5,900	1,550	9,145	100.5	9,191
1979	6,600	1,810	11,946	117.0	13,977
1980	6,600	1,920	12,672	125.0	15,840
1981	7,300	1,725	12,593	108.0	13,600
1982	5,000	1,875	9,375	101.0	9,469
1983	4,200	1,795	7,539	109.0	8,218
1984	4,200	1,950	8,190	110.0	9,009
1985	4,300	1,945	8,364	103.0	8,615
1986	3,400	1,870	6,358	92.0	5,849
1987	1,500	1,800	2,700	100.0	2,700
1988	1,050	1,800	1,890	125.0	2,363
1989	2,100	1,730	3,633	150.0	5,450

TOBACCO TYPE 54
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Acres harvested	Yield per acre	Production	Marketing yr. avg. price	Value of utilized production
	Acres	Pounds	1,000 pounds	Cents	1,000 dollars
1970	4,400	2,135	9,394	50.3	4,725
1971	5,300	2,270	12,031	55.6	6,689
1972	5,000	1,685	8,425	48.0	4,044
1973	4,900	1,950	9,555	60.5	5,781
1974	4,700	2,060	9,682	74.9	7,252
1975	5,600	1,945	10,892	75.1	8,180
1976	5,600	1,890	10,584	74.7	7,906
1977	6,200	2,020	12,524	84.6	10,595
1978	6,200	1,800	11,160	100.5	11,216
1979	6,300	2,080	13,104	117.0	15,332
1980	6,300	2,110	13,293	125.0	16,616
1981	6,400	2,150	13,760	113.0	15,549
1982	5,100	2,110	10,761	106.0	11,407
1983	4,400	2,080	9,152	110.0	10,067
1984	3,900	2,105	8,210	111.0	9,113
1985	3,900	2,465	9,614	103.0	9,902
1986	2,800	1,965	5,502	95.0	5,227
1987	2,700	2,100	5,670	100.0	5,670
1988	2,400	2,090	5,016	125.0	6,270
1989	3,600	2,155	7,758	150.0	11,637

Photo courtesy of Wisconsin Department of Agriculture, Trade and Consumer Protection

POTATOES: Acreage, Yield, Production, Sales, and Value, Wisconsin

Crop year	Acres		Yield per acre	Production	Sold	Marketing yr. avg. price	Value	
	Planted	Harvested					Production	Sales
	1,000		Cwt.	1,000 cwt.		Dollars/Cwt.	1,000 dollars	
1970	53.0	52.0	251	13,028	11,518	2.43	31,658	27,989
1971	52.5	51.5	256	13,183	11,657	2.13	28,080	24,829
1972	50.5	45.5	253	11,530	10,284	3.57	41,162	36,714
1973	48.5	47.0	245	11,515	10,455	6.40	73,696	66,912
1974	53.0	50.0	280	14,000	12,640	3.65	51,100	46,136
1975	52.0	49.5	300	14,850	13,772	5.40	80,190	74,369
1976	56.0	53.0	290	15,370	13,900	3.95	60,712	54,905
1977	58.0	55.5	325	18,038	16,166	3.95	71,250	63,856
1978	59.0	55.0	315	17,325	15,547	4.13	71,552	64,209
1979	57.0	54.0	315	17,010	15,649	4.30	73,143	67,291
1980	52.5	50.0	320	16,000	14,528	10.10	161,600	146,733
1981	55.0	53.5	340	18,190	17,062	4.70	85,493	80,191
1982	66.0	64.5	350	22,575	21,401	4.10	92,558	87,744
1983	63.0	62.0	305	18,910	17,681	5.55	104,951	98,130
1984	62.0	61.0	350	21,350	20,261	4.80	102,480	97,253
1985	65.0	63.5	380	24,130	22,250	3.15	76,010	70,088
1986	59.0	57.5	350	20,125	18,455	4.60	92,575	84,893
1987	66.0	65.0	340	22,100	20,114	3.85	85,085	77,439
1988	63.0	62.5	320	20,000	18,986	6.40	128,000	121,510
1989 1/	68.5	68.0	345	23,460	1/	7.00	164,220	1/

1/Utilization data for 1989 not available at time of publication.

Photo courtesy of Wisconsin Department of Agriculture, Trade and Consumer Protection

POTATO STOCKS: WISCONSIN

Crop year	Production	Total stocks					
		Dec. 1	Following year				
			Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1
	1,000 cwt.						
1970	13,028	6,200	4,900	3,500	2,400		
1971	13,183	6,500	5,200	3,900	2,700		
1972	11,530	5,300	4,200	2,900	1,700	800	
1973	11,515	5,500	4,600	3,200	2,100	900	
1974	14,000	7,100	5,900	4,500	2,600	1,700	
1975	14,850	7,500	6,200	4,500	3,000	1,600	
1976	15,370	7,900	6,200	4,300	2,800	1,400	
1977	18,038	10,200	8,300	6,000	4,000	2,500	
1978	17,325	10,100	7,900	5,700	4,100	2,300	880
1979	17,010	9,450	7,400	5,300	3,700	2,500	1,140
1980	16,000	8,600	5,400	3,800	2,800	1,950	1,050
1981	18,190	10,400	7,800	5,800	4,150	2,650	1,470
1982	22,575	11,500	9,400	7,500	5,430	3,430	2,080
1983	18,910	11,000	8,400	6,300	5,000	2,700	1,700
1984	21,350	11,600	9,200	7,300	5,700	3,900	2,300
1985	24,130	14,500	11,000	8,400	6,500	4,800	3,200
1986	20,125	12,000	9,000	6,800	5,400	3,400	2,300
1987	22,100	13,100	10,000	7,600	6,400	4,600	2,800
1988	20,000	11,600	9,300	7,200	6,000	4,050	2,870
1989	23,460	13,000	10,600	7,900	6,500	4,900	3,000

SNAP BEANS FOR PROCESSING
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Acres		Yield per acre	Production	Marketing yr. avg. price	Value of production
	Planted	Harvested				
	Acres		Tons		Dollars	1,000 dollars
1970	46,400	44,100	2.26	99,650	79.70	7,942
1971	51,200	50,100	2.59	129,750	77.50	10,056
1972	49,900	45,500	2.67	121,500	82.70	10,048
1973	59,100	55,700	2.47	137,600	86.60	11,916
1974	72,400	61,000	2.55	155,550	119.00	18,510
1975	70,800	64,800	2.21	143,200	136.00	19,475
1976	73,700	69,500	2.45	170,250	134.00	22,814
1977	72,000	67,200	2.76	185,450	128.00	23,738
1978	79,000	68,000	2.77	188,350	132.00	24,862
1979	83,600	79,300	2.68	212,520	137.00	29,115
1980	83,900	78,800	2.68	211,180	134.00	28,298
1981	76,100	70,200	3.05	214,110	146.00	31,260
1982	66,200	64,500	2.95	190,280	137.00	26,068
1983	75,800	72,400	2.91	210,680	140.00	29,495
1984	78,800	77,600	3.03	235,130	152.00	35,740
1985	89,600	85,800	2.90	248,820	152.00	37,821
1986	88,400	77,800	3.18	247,400	143.00	35,378
1987	94,300	88,700	3.15	279,410	143.00	39,956
1988	88,200	82,800	2.53	209,480	151.00	31,631
1989	87,000	82,500	3.41	281,330	152.00	42,762

SWEET CORN FOR PROCESSING
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Acres		Yield per acre	Production	Marketing yr. avg. price	Value of production
	Planted	Harvested				
	Acres		(in husk) Tons		Dollars	1,000 dollars
1970	123,400	117,600	3.82	449,250	23.70	10,647
1971	126,800	117,900	4.57	538,800	22.80	12,285
1972	140,700	113,500	4.54	515,300	25.60	13,192
1973	138,300	132,600	3.85	510,500	24.40	12,456
1974	144,800	118,100	3.83	452,300	42.00	18,997
1975	146,900	142,000	3.65	517,700	41.40	21,433
1976	138,000	129,700	4.19	543,850	40.20	21,863
1977	142,600	130,700	4.56	596,000	42.30	25,211
1978	123,900	110,800	4.55	504,150	41.40	20,872
1979	129,300	121,400	4.73	574,220	40.50	23,256
1980	123,100	106,100	4.84	513,520	44.70	22,954
1981	120,500	113,400	5.24	594,220	60.10	35,713
1982	124,100	122,200	4.60	562,120	50.50	28,387
1983	125,800	117,900	4.82	568,280	56.40	32,051
1984	136,300	129,000	4.95	638,550	57.30	36,589
1985	136,200	131,400	5.09	668,830	60.30	40,330
1986	133,000	122,200	5.37	656,210	57.70	37,863
1987	147,000	140,000	5.50	770,000	57.50	44,275
1988	151,000	138,400	4.40	608,960	57.10	34,772
1989	162,400	152,000	5.33	810,160	63.00	51,040

GREEN PEAS FOR PROCESSING
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Acres		Yield per acre (shelled)	Production (shelled)	Marketing yr. avg. price	Value of production
	Planted	Harvested				
	Acres		Tons		Dollars	1,000 dollars
1970	126,500	118,600	1.16	137,600	110.00	15,136
1971	129,700	125,100	1.17	146,350	108.00	15,806
1972	133,700	122,200	1.34	163,750	112.00	18,340
1973	127,900	123,200	0.99	121,950	120.00	14,634
1974	146,900	129,800	1.33	172,650	174.00	30,041
1975	148,000	133,100	1.21	161,200	211.00	34,013
1976	121,300	117,200	1.02	119,600	196.00	23,442
1977	114,200	107,500	1.36	146,200	204.00	29,825
1978	112,700	97,000	1.12	108,650	202.00	21,947
1979	117,200	109,600	1.62	177,550	195.00	34,622
1980	110,100	101,100	1.52	153,670	197.00	30,273
1981	87,600	84,200	1.49	125,460	218.00	27,350
1982	85,000	79,100	1.87	147,920	199.00	29,436
1983	84,600	81,000	1.36	110,160	215.00	23,684
1984	91,000	86,200	1.48	127,580	222.00	28,323
1985	102,100	98,100	1.64	160,880	226.00	26,359
1986	78,000	70,900	1.61	114,150	208.00	23,743
1987	85,500	82,500	1.39	114,680	217.00	24,886
1988	84,400	79,900	0.68	54,330	251.00	13,637
1989	89,000	85,000	1.53	130,050	224.00	29,131

CUCUMBERS FOR PICKLES
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Acres		Yield per acre	Production	Marketing yr. avg. price	Value of production
	Planted	Harvested				
	Acres		Tons	Tons	Dollars	1,000 dollars
1970	12,000	11,500	4.26	49,000	121.00	5,929
1971	8,700	8,200	5.04	41,350	112.00	4,631
1972	9,200	9,000	4.77	42,950	90.00	3,866
1973	10,600	10,400	4.91	51,050	102.00	5,207
1974	12,000	11,400	3.91	44,550	128.00	5,702
1975	10,600	10,200	4.25	43,350	122.00	5,289
1976	10,500	10,100	4.41	44,500	117.00	5,207
1977	9,800	9,400	6.23	58,550	127.00	7,436
1978	11,400	11,100	5.50	61,050	106.00	6,471
1979	10,600	10,300	6.21	63,970	146.00	9,340
1980	9,600	9,500	5.65	53,680	170.00	9,126
1981	7,200	7,100	6.74	47,850	142.00	6,795
1982 1/						
1983 1/						
1984	8,100	7,800	7.87	61,390	105.00	6,446
1985	7,000	6,700	9.25	61,980	125.00	7,748
1986	7,300	7,200	7.50	54,000	160.00	8,640
1987	5,800	5,700	8.03	45,770	163.00	7,461
1988	6,800	6,800	6.90	46,920	187.00	8,774
1989	6,800	6,700	7.59	50,850	184.00	9,356

1/Data not available in 1982 and 1983.

COMMERCIAL DRY ONIONS
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Acres		Yield per acre	Production	Marketing yr. avg. price	Value of production
	Planted	Harvested				
	Acres		Cwt.	1,000 cwt.	Dollars	1,000 dollars
1970	1,800	1,700	260	442	2.67	1,041
1971	1,700	1,600	235	376	3.67	1,214
1972	1,600	1,500	250	375	8.62	2,750
1973	1,500	1,400	280	392	7.39	2,734
1974	1,500	1,300	280	364	4.69	1,313
1975	1,300	1,200	260	312	8.31	2,144
1976	1,500	1,400	295	413	9.54	3,463
1977	1,400	1,200	290	348	5.56	1,724
1978	1,600	1,500	295	443	4.63	1,843
1979	1,700	1,500	290	435	4.01	1,544
1980	1,400	1,200	290	348	12.30	3,653
1981	1,500	1,400	325	455	9.34	3,829
1982	1,600	1,500	330	495	4.12	1,833
1983	1,700	1,600	345	552	11.90	5,950
1984	1,700	1,600	340	544	5.05	2,495
1985	1,500	1,300	335	436	4.31	1,638
1986	1,400	1,200	315	378	11.50	3,887
1987	1,400	1,200	280	336	10.30	3,090
1988	1,600	1,300	270	351	10.70	3,424
1989	1,400	1,300	375	488	7.29	3,273

COMMERCIAL CARROTS
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Acres		Yield per acre	Production	Marketing yr. avg. price	Value of production
	Planted	Harvested				
	Acres		Cwt.	1,000 cwt.	Dollars	1,000 dollars
1970	3,100	2,900	425	1,233	1.74	2,148
1971	3,000	2,800	425	1,190	2.12	2,526
1972	3,100	2,300	410	943	1.94	1,826
1973	4,800	4,500	411	1,851	1.82	3,376
1974	4,300	4,000	483	1,930	3.08	5,951
1975	4,000	3,400	429	1,457	3.40	4,950
1976	3,900	3,300	382	1,262	3.20	4,043
1977	3,800	3,500	467	1,636	3.25	5,320
1978	4,100	3,700	410	1,529	3.65	5,579
1979	4,700	4,500	417	1,878	3.39	6,372
1980	4,800	3,800	296	1,125	4.11	4,620
1981	5,000	4,500	420	1,890	4.07	7,695
1982	4,500	4,000	450	1,800	4.28	7,709
1983	3,700	3,200	465	1,488	4.74	7,055
1984	5,500	5,200	365	1,898	4.83	9,171
1985	3,600	3,300	470	1,551	4.70	7,287
1986	4,200	3,500	435	1,523	6.49	9,891
1987	3,800	3,500	500	1,750	6.00	10,504
1988	4,100	3,200	405	1,296	5.91	7,657
1989	3,900	3,300	475	1,568	5.44	8,523

LETTUCE
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Acres		Yield per acre	Production	Marketing yr. avg. price	Value of production
	Planted	Harvested				
	Acres		Cwt.	1,000 cwt.	Dollars	1,000 dollars
1970	1,700	1,600	210	336	7.89	2,651
1971	1,700	1,600	220	352	6.66	2,344
1972	1,000	900	210	189	5.72	1,081
1973	1,200	1,100	250	275	6.70	1,843
1974	1,200	1,100	200	220	7.80	1,716
1975	1,400	900	120	108	9.98	1,078
1976	1,500	1,400	230	322	12.40	3,993
1977	1,600	1,400	230	322	9.65	3,107
1978	1,300	1,200	215	258	7.83	2,020
1979	1,200	1,100	215	237	8.50	2,015
1980	1,200	600	210	126	9.60	1,210
1981	980	950	210	200	9.60	1,920
1982	1,200	1,100	190	209	8.10	1,693
1983	700	690	175	121	9.65	1,168
1984	700	700	360	252	12.10	3,049
1985	750	740	330	244	12.10	2,952
1986	650	540	290	157	8.60	1,350
1987	0	0	0	0	0.00	0
1988	0	0	0	0	0.00	0
1989	0	0	0	0	0.00	0

MAPLE SYRUP
Production, Sales, and Value, Wisconsin 1/

Crop year	Production		Marketing yr. avg. price	Value	
	Total	Sold		Production	Sales
	1,000 gallons		Dollars	1,000 dollars	
1970	100	92	6.10	610	561
1971	56	52	7.00	392	364
1972	63	58	10.20	643	592
1973	84	80	11.90	1,000	952
1974	80	78	10.40	832	811
1975	62	60	9.00	558	540
1976	66	64	12.90	851	26
1977	130	125	10.50	1,365	1,313
1978	110	101	11.90	1,309	1,202
1979	92	85	12.60	1,159	1,071
1980	110	100	14.90	1,639	1,490
1981	125	2/	19.00	2,375	2/
1982	2/		2/		
1983					
1984					
1985					
1986					
1987					
1988					
1989					

1/Includes syrup later made into sugar. 2/Estimates discontinued after 1981.

SPEARMINT OIL
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Acres harvested	Yield per acre	Production	Marketing yr. avg. price	Value of production
	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars
1970	2,300	59	136	4.50	612
1971	2,400	53	127	4.00	508
1972	1,500	40	60	4.85	291
1973	1,900	32	61	10.00	610
1974	2,300	45	104	14.00	1,456
1975	2,100	41	86	14.00	1,204
1976	2,600	40	104	17.90	1,862
1977	2,900	37	107	18.40	1,969
1978	3,800	37	141	11.00	1,551
1979	4,400	42	185	8.80	1,628
1980	3,900	39	152	12.00	1,824
1981	3,800	36	137	12.80	1,754
1982	4,200	34	143	12.80	1,830
1983	4,400	44	194	12.50	2,425
1984	4,600	44	202	13.90	2,808
1985	4,300	40	172	14.20	2,442
1986	4,500	37	167	14.00	2,338
1987	4,000	39	156	14.50	2,262
1988	4,000	23	92	19.00	1,748
1989	5,900	44	260	16.80	4,368

PEPPERMINT OIL
Acreage, Yield, Production, and Value, Wisconsin

Crop year	Acres harvested	Yield per acre	Production	Marketing yr. avg. price	Value of production
	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars
1970	8,800	54	475	4.50	2,138
1971	7,900	40	316	4.30	1,359
1972	3,000	25	75	5.33	400
1973	4,600	31	143	10.00	1,430
1974	6,000	46	276	12.50	3,450
1975	6,800	37	252	11.50	2,898
1976	8,800	39	343	15.50	5,317
1977	7,200	33	238	16.60	3,951
1978	8,200	34	279	13.50	3,767
1979	9,000	35	315	13.80	4,347
1980	7,200	30	216	14.00	3,024
1981	7,500	34	255	13.80	3,519
1982	7,000	30	210	12.50	2,625
1983	7,200	41	295	10.20	3,009
1984	7,100	42	298	12.00	3,576
1985	5,000	33	165	12.50	2,063
1986	5,300	38	201	13.50	2,714
1987	4,600	36	166	14.50	2,407
1988	4,900	20	98	23.00	2,254
1989	9,000	43	387	17.50	6,773

Miscellaneous Specialty Crop
Producing Areas, 1987 Census
Herbs
Mint

Miscellaneous Specialty Crop
Producing Areas, 1987 Census
Sod
Trefoil

Miscellaneous Specialty Crop
Producing Areas, 1987 Census
Buckwheat
Dry Beans

Miscellaneous Specialty Crop
Producing Areas, 1987 Census
Popcorn
Sunflower

CROP VALUES PER ACRE: Wisconsin

Crop	Dollars per acre					
	1989	1988	1987	1986	1985	1984
Field crops						
Tobacco, all	2,298	2,502	1,993	1,786	2,258	2,237
Type 54	3,233	2,613	2,100	1,867	2,539	2,337
Type 55	2,595	2,250	1,800	1,720	2,003	2,145
Potatoes	2,415	2,048	1,309	1,610	1,197	1,680
Vegetable crops						
Onions	2,518	2,634	2,575	3,239	1,260	1,559
Lettuce	0	0	0	2,500	3,989	4,356
Carrots 1/	2,583	2,393	3,001	2,826	2,208	1,764
Mint for oil						
Peppermint	753	460	523	512	413	504
Spearmint	740	437	566	520	568	610
For processing						
Peas	343	171	302	335	371	329
Sweet corn	336	251	316	310	307	284
Snap beans	518	382	450	455	441	461
Cucumbers for pickles	1,396	1,290	1,309	1,200	1,156	826
Fruits						
Apples	1,585	1,359	1,456	1,490	1,311	1,836
Cherries, tart 2/	292	348	105	303	645	1,270
Cranberries 2/	6,780	7,749	6,934	6,947	7,026	7,424
Strawberries	3,660	2,624	2,090	2,806	2,121	2,085

1/Includes portion processed. 2/1988 marketing year average price was used in computing 1989 value.

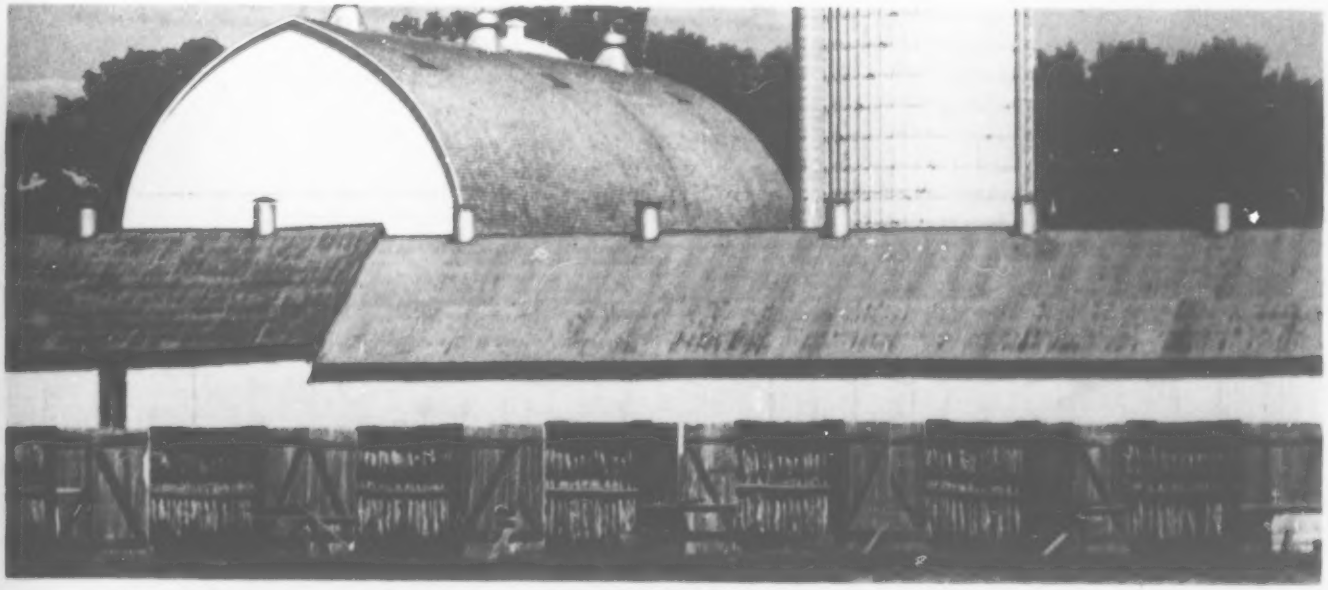
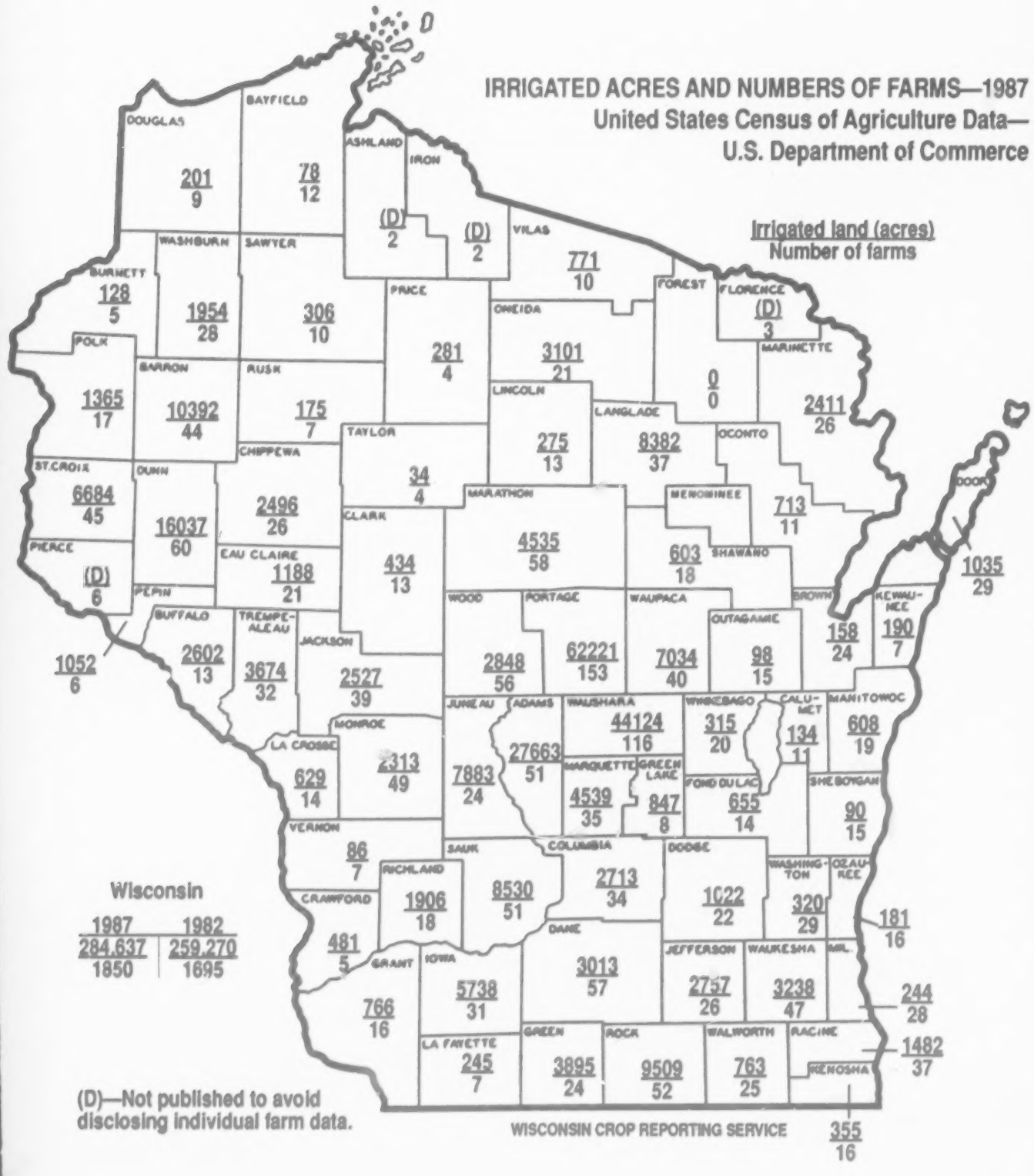


Photo courtesy of Wisconsin Department of Agriculture, Trade and Consumer Protection

UNITED STATES CENSUS OF AGRICULTURE DATA, WISCONSIN, 1978, 1982, 1987
U. S. Department of Commerce

Crop	Number of farms			Acres harvested			Production			Unit
	1978	1982	1987	1978	1982	1987	1978	1982	1987	
Field crops:										
Buckwheat	99	65	68	1,824	1,433	1,044	34,488	25,738	21,952	Bu.
Flaxseed	6	4	4	(D)	271	134	1,763	3,912	3,216	Bu.
Popcorn	18	28	39	92	269	950	113,400	341,000	2,463,516	Lbs.
Sunflower seed	181	150	116	9,829	6,219	4,012	11,216,426	7,242,630	5,529,638	Lbs.
Dry edible beans (excludes dry limas)	23	51	57	5,117	7,258	9,131	78,244	101,347	107,808	Cwt.
Birdsfoot trefoil seed	45	70	67	2,254	4,407	4,857	326,776	399,178	436,215	Lbs.
Red clover seed	363	296	172	5,600	4,909	3,081	579,578	623,127	334,394	Lbs.
Timothy seed	16	13	24	121	137	263	13,169	11,219	26,410	Lbs.
Tobacco	2,719	2,832	1,564	11,633	10,595	4,387	7,108,198	19,993,125	8,749,258	Lbs.
Wild hay	1,847	1,940	2,198	31,766	35,911	43,642	46,387	60,021	69,097	Tons, dry
Sorghum for silage or green chop	791	271	776	8,173	2,783	12,108	87,859	22,620	102,957	Tons, green
	Number of farms			Acres in crop			Number of trees			
Fruit:										
Apples	1,075	1,027	856	9,528	10,400	9,869	740,245	814,354	1,005,232	
Apricots	31	18	13	6	7	(D)	353	333	88	
All cherries	341	391	294	3,650	4,240	3,968	332,679	377,999	359,945	
Grapes	203	234	195	126	211	161	51,156	95,192	78,161	
Peaches	30	53	36	9	13	24	563	586	2,089	
Pears	244	141	97	135	74	60	7,986	5,055	3,831	
Plums and prunes	184	128	76	77	71	42	5,637	4,522	3,684	
	Number of farms			Acres in crop			Production			Unit
Berries:										
Blackberries	3	9	23	(D)	8	41	(D)	3,750	88,880	Lbs.
Tame blueberries	3	6	10	(D)	10	(D)	(D)	5,800	20,450	Lbs.
Raspberries	202	244	217	166	214	339	223,281	264,331	352,692	Lbs.
Strawberries	433	447	292	1,160	1,629	1,282	3,763,689	7,603,882	4,748,431	Lbs.
	Number of farms			Acres harvested						
Vegetables:										
Asparagus	75	80	127	111	165	462				
Green lima beans	143	104	96	6,617	4,031	3,647				
Beets	215	166	162	7,561	4,244	4,874				
Broccoli	37	85	82	39	111	1,023				
Cabbage	320	256	191	7,003	7,890	8,294				
Cantaloupes	234	172	197	626	484	544				
Carrots	109	89	92	4,461	4,376	4,551				
Cauliflower	109	121	91	493	689	480				
Collards	3	9	10	(D)	36	24				
Eggplant	33	30	32	20	24	32				
Honeydew melons	10	17	11	8	15	12				
Mustard greens	8	10	13	28	44	73				
Hot peppers	34	28	39	56	96	122	Data not available			
Sweet peppers	231	160	178	585	526	579				
Pumpkins	183	190	298	342	319	1,050				
Radishes	17	18	21	92	58	48				
Rhubarb	2	11	13	(D)	13	7				
Spinach	12	27	25	189	213	222				
Squash	262	192	246	623	551	795				
Tomatoes	365	296	288	527	493	538				
Turnips	10	10	7	10	20	26				
Turnip greens	6	9	12	27	42	47				
Watermelons	124	78	84	324	256	197				
	Number of farms			Sq. ft. under protection Thousands			Acres in open			
Other crops:										
Nursery & green house	812	759	718	5,532	6,576	7,819	3,998	8,872	10,535	
Mushrooms	4	6	8	150	82	126	-	-	-	
Sod harvested	104	82	69	-	-	-	6,581	3,942	4,697	
	Number of farms			Acres in crop			Production			Unit
Herbs	120	328	534	202	412	1,135	205,299	404,645	1,123,684	Lbs.

(D) = data withheld to avoid disclosing information for individual farms.


IRRIGATED ACRES AND NUMBERS OF FARMS—1987
United States Census of Agriculture Data—
U.S. Department of Commerce
Irrigated land (acres)
Number of farms
DOUGLAS 201 9
BAYFIELD 78 12
ASHLAND (D) 2
IRON (D) 2
VILAS 771 10
FOREST 0 0
FLORENCE (D) 3
MARINETTE 2411 26
OCONTO 8382 37
BURNETT 128 5
WASHBURN 1954 28
SAWYER 306 10
PRICE 281 4
ONEIDA 3101 21
POLK 1365 17
BARRON 10392 44
RUSK 175 7
LINCOLN 275 13
LANGLADE
TAYLOR 34 4
CHIPPEWA 2496 26
ST.CROIX 6684 45
DUNN 16037 60
CLARK 434 13
MARATHON 4535 58
MENOMINEE 713 11
SHAWANO 603 18
DOOR 1035 29
PIERCE (D) 6
PEPIN
EAU CLAIRE 1188 21
WOOD 2848 56
PORTAGE 62221 153
WAUPACA 7034 40
OUTAGAMIE 98 15
BROWN 158 24
KEWAUNEE 190 7
BUFFALO 2602 13
TREMPEALEAU 3674 32
JACKSON 2527 39
1052 6
JUNEAU 7883 24
ADAMS 27663 51
WAUSHARA 44124 116
WINNEBAGO 315 20
CALUMET 134 11
MANITOWOC 608 19
MONROE 2313 49
LA CROSSE 629 14
MARQUETTE 4539 35
GREEN LAKE 847 8
FOND DU LAC 655 14
SHEBOYGAN 90 15
VERNON 86 7
SAUK 8530 51
COLUMBIA 2713 34
DODGE 1022 22
WASHINGTON 320 29
OZAUKEE 181 16
RICHLAND 1906 18
CRAWFORD 481 5
DANE 3013 57
JEFFERSON 2757 26
WAUKESHA 3238 47
MIL. 244 28
GRANT 766 16
IOWA 5738 31
LA FAYETTE 245 7
GREEN 3895 24
ROCK 9509 52
WALWORTH 763 25
RACINE 1482 37
KENOSHA 355 16
Wisconsin
1987 284,637 1850
1982 259,270 1695
(D)—Not published to avoid disclosing individual farm data.
WISCONSIN CROP REPORTING SERVICE

RECORD HIGHS AND LOWS IN WISCONSIN AGRICULTURE

Commodity	Unit	Record high quantity	Year	Record low quantity	Year	Year estimate started
Corn for grain						
Harvested	Acres	3,500,000	1981	478,000	1927	1924
Yield	Bu.	118.0	1986 & 1987	24.5	1924	1924
Production	Bu.	378,000,000	1981	13,862,000	1927	1924
Corn for silage						
Harvested	Acres	1,450,000	1988	730,000	1987	1924
Yield	Ton	14.0	1986 & 1987	4.2	1936	1924
Production	Ton	12,744,000	1981	5,557,000	1936	1924
Hay, all (dry only)						
Harvested	Acres	4,263,000	1944	2,613,000	1912	1909
Yield	Ton	3.49	1982	0.94	1934	1909
Production	Ton	12,770,000	1984	2,846,000	1910	1909
Oats						
Harvested	Acres	2,987,000	1945	375,000	1866	1866
Yield	Bu.	66.0	1985 & 1989	22.0	1907	1866
Production	Bu.	156,221,000	1958	12,375,000	1866	1866
Soybeans						
Harvested	Acres	450,000	1984	1,000	1927	1924
Yield	Bu.	38.0	1987	9.0	1925 & 1924	1924
Production	Bu.	15,170,000	1989	10,000	1927	1924
Wheat, all						
Harvested	Acres	2,050,000	1878	27,000	1973	1866
Yield	Bu.	56.1	1985	8.0	1876	1866
Production	Bu.	26,250,000	1873	890,000	1973	1866
Barley						
Harvested	Acres	929,000	1935	21,000	1974	1866
Yield	Bu.	59.0	1980	20.5	1936 & 1874	1866
Production	Bu.	25,548,000	1935	814,000	1973	1866
Potatoes, all						
Harvested	Acres	325,000	1922	45,500	1972	1866
Yield	Cwt.	380.0	1985	25.8	1894	1866
Production	Cwt.	24,130,000	1985	2,306,000	1870	1866
Tobacco, all						
Harvested	Acres	48,000	1918	1,000	1870 & 1869	1869
Yield	Lbs.	2,192	1985	600	1883	1869
Production	Lbs.	62,400,000	1918	1,025,000	1869	1869
Green peas						
Harvested	Acres	151,000	1943	50,640	1919	1918
Yield	Ton	1.87	1982	0.47	1932	1918
Production	Ton	177,550	1979	35,620	1932	1918
Sweet corn						
Harvested	Acres	152,000	1989	2,400	1932	1918
Yield	Ton	5.50	1987	1.30	1927 & 1924	1918
Production	Ton	810,160	1989	5,500	1932	1918
Snap beans						
Harvested	Acres	88,700	1987	1,000	1921	1918
Yield	Ton	3.41	1989	1.00	1947	1918
Production	Ton	281,330	1989	1,900	1921	1918
Cattle, all, Jan. 1	Head	4,640,000	1975	2,913,000	1929	1920
Milk cows, Jan. 1	Head	2,585,000	1945 & 1946	1,890,000	1989	1920
Hogs, all, Dec. 1	Head	2,516,000	1944	1,064,000	1935	1924
Breeding, Dec. 1	Head	372,000	1963	170	1985 & 1986	1963
Sheep, stock, Jan. 1	Head	430,000	1931	72,000	1977	1920
Hens & pullets of laying age, Dec. 1	Head	18,848,000	1944	3,345,000	1988	1924

WISCONSIN CROPS: Usual Planting and Harvesting Dates

Crops	Usual Planting Dates		Usual Harvesting Dates			Principal Producing Areas	
	Begins	Ends	Begins	Most Active	Ends	Districts	Counties
FIELD CROPS							
Corn for Grain	May 5	June 10	Oct. 5	Oct. 20 -Nov. 5	Nov. 30	SC, SW, WC	Dane, Grant, Rock
Corn for Silage	May 10	June 20	Sept. 10	Sept. 15 -Sept. 30	Oct. 20	SW, WC EC, SC	Marathon, Outagamie, Dodge
Oats	April 10	May 25	July 30	Aug. 10 -Aug. 20	Sept. 5	EC, WC SW, SC	Marathon, Grant, Manitowoc
Barley	April 15	May 15	July 25	July 30 -Aug. 10	Aug. 15	EC, NC, WC NW	Marathon, Manitowoc, Clark
Rye	Sept. 5	Oct. 15	July 10	July 15 -July 25	Aug. 5	C, WC, NC	Portage, Oneida, Pepin
Winter Wheat	Sept. 10	Sept. 30	July 15	July 20 -July 31	Aug. 5	SC, C, SE	Dodge, Dane, Jefferson
Spring Wheat	April 10	May 20	July 25	Aug. 5 -Aug. 15	Aug. 25	SC, SE	Sheboygan, Columbia, Dane
Soybeans	May 15	June 20	Oct. 5	Oct. 20 -Nov. 1	Nov. 20	SC, SE, WC	Rock, Racine, Walworth
Tobacco	June 1	July 5	Aug. 15	Aug. 25 -Sept. 10	Sept. 25	SW, SC, SE	Dane, Vernon, Rock
Potatoes	April 20	June 10	July 20	Aug. 15 -Oct. 15	Oct. 30	NC, NE, C	Portage, Langlade, Waushara
Alfalfa Hay			June 5		Oct. 5	SW, WC, SC	Grant, Dane, Iowa
All Other Hay			June 10		Sept. 30	NC, NW, WC	Clark, Marathon, Taylor
Mint	April 20	June 1	July 10	July 25 -Aug. 25	Sept. 15	C, SC, SE	Marquette, Walworth, Dane
VEGETABLES							
Onions, Storage (Fr)	April 15	May 20	Sept. 1	Sept. 10 -Oct. 1	Oct. 20	C, EC, SC, SE	Marquette, Columbia, Jefferson
Lettuce (Fr)	April 10	July 10	June 25	July 1 -Sept. 15	Oct. 1	C, SC, EC	Marquette, Fond du Lac, Adams
Carrots (Fr, Pr)	May 15	June 30	Aug. 15	Aug. 25 -Oct. 25	Nov. 15	C, NE, SC, SE	Marquette, Columbia, Jefferson, Oconto
Snap Beans (Pr)	May 10	July 10	July 10	Aug. 1 -Sept. 15	Oct. 5	C, EC, NW, NE	Portage, Waushara, Manitowoc, Adams
Sweet Corn (Pr)	May 5	June 30	Aug. 5	Aug. 15 -Sept. 25	Oct. 5	EC, SC, C	Fond du Lac, Dodge, Dane, Green Lake
Green Peas (Pr)	April 15	May 10	June 15	July 1 -July 20	Aug. 10	EC, SC, C	Fond du Lac, Dodge, Sheboygan, Dane
Cucumbers for Pickles (Pr)	May 15	June 15	July 25	Aug. 10 -Sept. 15	Oct. 1	NE, C, EC	Portage, Outagamie, Waushara, Marinette

(Fr) - Fresh Market, (Pr) - Processing

9060 29 01 90552 90 05
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